Data Science for Datapalooza

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Fact Sheet
Showcase

AcademyOne, Inc.
Admittedly
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ApplyKit, Inc.
ASSISTments at Worcester Polytechnic Institute
Basno
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Chegg
Codecademy
College Abacus
CollegeAppz
CollegeSnapps
CourseMaster Inc.
Curious Learning
Degreed
edX
FinalsClub Foundation
FindTomorrow
Flat World Education
Flinja
HackerRank
How's My Offer?
Interfolio

http://semanticommunity.info/Data_Science/Data_Science_for_Datapalooza

Updated: Wed, 23 Sep 2015 09:18:59 GMT
Powered by mindtouch
Logrado, Inc.
Lone Star College System
MakeGamesWithUs
MentorMob
Modern Guild
Mytonomy
Noodle Education
One Month Rails
Overture Technologies
panOpen
Parchment
PathSource
PayScale
Pedagogy Wizard
Personal.com
Quad Learning
Ranku
RyeCatcher
Starfish Retention Solutions, Inc.
The GovLab
Tutor Matching Service
Uvize
Verificient Technologies
VisitDays
WorkAmerica

The White House and U.S. Department of Education to Host Education Datapalooza

White House Fact Sheet: Safety Datapalooza

Applications, Tools, and Services

New Emergency Information Hashtags
Leveraging Data to Help Prevent Illness
Expanding Access to Food and Drug Safety Data
Crowdsourcing to Improve Disaster Response
Reducing Hazardous Noises
Energy Emergency Preparedness
Safety Warnings for Overseas Travel
Increasing Consumer Product Safety Awareness
Monitoring Product-Related Injuries
Mapping High-Risk Locations to Help Fight Crime
Tracking Labor Law Violations
Disaster Response and Recovery Tech Corps Program
Using Technology to Improve Criminal Justice Operations

Private Sector Commitments
The Weather Channel
TaskRabbit Disaster Recovery Assistance Program
Geofeedia
Crowdtilt
Getaround

Safety Data in Action: Company Case Studies
Keychain Logistics
Be Sharp

The White House, U.S. Department of Transportation, and U.S. Department of Agriculture to Host Safety Datapalooza

Welcome

Safety Data Keynote
Transportation Data in Action
Travel Warnings and Travel Alerts
Consumer Product Safety Challenge
Worker Safety Data
Labor Data in Action
Panel Discussion: The Value of Open Data
Innovation for Disaster Response and Recovery
Demo: GeoQ
All Hands on Deck: Industry Announcements
Innovation for Disaster Response and Recovery
Demo: Lantern
Innovation for Disaster Response and Recovery: Industry Announcement
Innovating for Life-Sustaining Solutions During a Disaster
Transportation Data in Action
Law Enforcement Officer Safety
Justice Data in Action
Closing Keynote

NEXT
So I attended the Safety Datapalooza (see above) and listened to the Education Datapalooza, looked at all the emails, fact sheets, and showcase participants (see below), and asked: Where’s the Data?

In the new Federal Big Data Working Group Meetup we are focused on producing data products that answer three essential questions:

• How was the data collected?
• Where is the data stored?
• What were the results of analyzing and visualizing the data?

Somehow I found the Education Datapalooza web site and at the bottom of that page the following:

Data Jams
The Department of Education hosted a series of Data Jams to help catalyze new private-sector tools, services, and apps to help students evaluate and select colleges. To bolster these efforts, the Department of Education highlighted available open data sets that provide valuable information to students considering options for higher education.

The open data sets link went to the Education Data Initiative, which then contained the link to ED Data Inventory, and then I found the link to the Inventory List, which then I Expanded All to see the detailed list of 33 items with a total of 239 studies as follows.

1. Academic Libraries Survey 6 studies
2. Adult Education and Family Literacy 11 studies
3. Baccalaureate and Beyond Longitudinal Study 7 studies
4. Beginning Postsecondary Students Longitudinal Study 4 studies
6. Civil Rights Data Collection 5 studies
7. Common Core of Data 19 studies
8. Consolidated State Performance Report 11 studies
9. Early Childhood Longitudinal Study 21 studies
10. EDFacts 17 studies
11. Fast Response Survey System 4 studies
12. IDEA Part B State Performance Plan and Annual Performance Report 12 studies
13. IDEA Part C State Performance Plan and Annual Performance Report 12 studies
14. Integrated Postsecondary Education Data System 11 studies
15. International Adult Literacy & Lifeskills Survey 1 study
16. National Assessment of Adult Literacy 1 study
17. National Assessment of Education Progress 6 studies
18. National Household Education Surveys Program 10 studies
19. National Postsecondary Student Aid Study 3 studies
20. National Study of Postsecondary Faculty 1 study
21. Postsecondary Education Quick Information System 5 studies
22. Pre-Elementary Education Longitudinal Study 6 studies
23. Private School Universe Survey 7 studies
24. Program for International Student Assessment 4 studies
25. Program for the International Assessment of Adult Competencies 1 study
26. Progress in International Reading Literacy Study 3 studies
27. Public Libraries Survey 6 studies
28. School Survey on Crime and Safety 4 studies
29. Schools and Staffing Survey 14 studies
30. Secondary Longitudinal Studies Program 9 studies
31. State Library Agencies Survey 8 studies
32. Teaching and Learning International Survey 1 study
33. Trends in International Mathematics & Science Study 3 studies

I selected National Reporting System for Adult Education, 2012–13 and got a page with Series and Study Tabs that contained metadata, but it was incomplete with some items listed as In Progress (e.g. Series Variables and Series Files and Study Variables and Study Files). The Access Notes contained the following: Data Availability: 2/28/2014, http://wdcrobcolg01.ed.gov/CFAPP/VAE/NRS/login.cfm and that URL required a login. The login provided the Public Option which lead to: http://wdcrobcolg01.ed.gov/CFAPP/VAE/NRS/main.cfm

This page contained the following: http://wdcrobcolg01.ed.gov/CFAPP/VAE/NRS/bles/index.cfm

Please select below to enter the statistical, financial, or narrative sections.

- **Statistical section.** I selected this link.
- **Financial section.**
- **Narrative section.**

Notice:

The National Reporting System (NRS) for Adult Education and Literacy is a performance and financial reporting system designed to collect aggregate statewide data from formula grantees on an annual basis. It reflects the requirements of the Adult Education and Family Literacy Act (AEFLA), Title II of the Workforce Investment Act (WIA).

which finally led to an interface to get 14 data tables when they are available, along with Narratives, and Reports.

The other Open Data Resources B-F below contain links that can be explored for data:

- A. ED Data Inventory
- B. Integrated Postsecondary Data System (IPEDS)
- C. Federal Student Aid Data Center
- D. National Postsecondary Student Aid Study (NPSAS)
- E. Beginning Postsecondary Student Longitudinal Study (BPS)
- F. Baccalaureate and Beyond Longitudinal Study (B&B)

I have created a spreadsheet (ADD LINK) version of the ED Data Inventory and sample data tables to facilitate use of this data. Then I can do visualizations in Spotfire so one has a data product that answer three essential questions:

- How was the data collected?
- Where is the data stored?
- What were the results of analyzing and visualizing the data?

within three mouse clicks:

- Click One: See the Data
Click Two: Sort/Filter the Data
Click Three: Download the Data

MORE IN PROCESS

Slides

Spotfire Dashboard

Research Notes

Need to find all the links that actually go to data

I recall reviewing an early version of the ED Data Inventory for Wyatt Kash - was it a story of just an email?

White House Blog Post: Education Datapalooza

Source: Email

You can view the blog post by Director of the Domestic Policy Council Cecilia Muñoz and U.S. Chief Technology Officer Todd Park [HERE](http://semanticommunity.info/Data_Science/Data_Science_for_Datapalooza). My Note: See Below

You can view a fact sheet about the Education Datapalooza [HERE](http://semanticommunity.info/Data_Science/Data_Science_for_Datapalooza). My Note: See Below

You can view a list of participants in the Education Datapalooza’s Innovation Showcase [HERE](http://semanticommunity.info/Data_Science/Data_Science_for_Datapalooza). My Note: See Below

**Education Datapalooza: Promoting Innovation in Improving College Access, Affordability and Completion**

*By Cecilia Muñoz and Todd Park*

Higher education has never been more important to building a stronger middle class and yet tuition has gone up faster than family incomes for decades. Higher education should be affordable for everyone, not a luxury for the few.

Last August, President Obama outlined [an ambitious plan](http://semanticommunity.info/Data_Science/Data_Science_for_Datapalooza) to tackle rising college costs and make college affordable for American families. The President’s plan will promote innovation and competition in the higher education marketplace by:

- Publishing better information on how colleges are performing,
- Catalyzing new approaches that can improve learning and reduce costs, and
- Offering colleges regulatory flexibility so that they can innovate.
Harnessing innovative technologies is central to the plan, and the President has called on his Administration to support private-sector technology entrepreneurs and innovators working to make postsecondary education accessible, available, and attainable to all students.

Today, the White House, the U.S. Departments of Education and Treasury, and the General Services Administration are hosting an Education “Datapalooza” to highlight the role that private-sector apps, tools, and services can play in helping students get into and complete college. More than 500 of America’s entrepreneurs, software developers and education experts are coming together to explore new apps and services advancing higher education, in areas such as: choosing and applying for college, online teaching and learning, and new pathways for acquiring 21st century skills.

Many of the companies, students, and non-profits at the Datapalooza are showcasing apps and other products that use freely available government data provided by the Department of Education and other Federal sources. One example is the Student Success Academy, where they have developed a comprehensive online program for students in the college search process. In another example, at the Center for Teaching and Learning at Harvard, they are developing a tool that empowers faculty members to use active learning strategies to improve instruction.

As we work to support the creation and spread of new tools along these lines, the Administration is also focused on ensuring that individuals’ sensitive information is safe—protecting privacy is one of our top priorities.

· Get more details on the Education Datapalooza

· View a list of participants in the Education Datapalooza Innovation Showcase

Cecilia Muñoz is the Director of the Domestic Policy Council. Todd Park is the U.S. Chief Technology Officer.

Fact Sheet

Source: http://www.whitehouse.gov/sites/defa...fact_sheet.pdf (PDF)

FACT SHEET:
Education Datapalooza to Promote Innovation in Improving College Access, Affordability, and Completion

In August, President Obama outlined an ambitious new agenda to combat rising college costs and make college affordable for American families. As a part of this plan, the President called on the U.S. Department of Education to enlist entrepreneurs and technology leaders to catalyze new private-sector tools, services, and apps to help students evaluate and select colleges.

Today, in response to the President’s call, the White House, the U.S. Departments of Education and Treasury, and the General Services Administration are hosting an Education “Datapalooza”, highlighting innovators from the private, nonprofit, and academic sectors who have used freely available government data to build products, services, and apps that advance postsecondary education, empower students with information, and help colleges innovate in creative and powerful ways.

The program focuses on two areas directly responsive to the President’s call: empowering students and families with the information, apps, websites, and other tools to help them make informed decisions about going to and paying for

http://semanticommunity.info/Data_Science/Data_Science_for_Datapalooza
Updated: Wed, 23 Sep 2015 09:18:59 GMT
Powered by mindtouch
college; and leveraging technology to increase the quality of online teaching and learning, which can lead to breakthroughs on college cost and quality.

Technologies like those being showcased at the Datapalooza can play important roles in support of President Obama’s plan to make college more affordable and accessible. That plan calls for measuring college performance through a new ratings system so that students and families have the information they need to select schools that provide the best value for them; enhancing competition and innovation to provide higher value at lower costs; and supporting new ideas in higher education through a limited number of experimental sites. The plan also proposes to cap Federal student loan payments at 10 percent of income for all borrowers, and directs the Department of Education to ramp up efforts to make sure borrowers are aware of, and can take advantage of, all available repayment options.

**Key Administration Steps to Build Momentum for Innovation**

As part of today’s Datapalooza, the U.S. Department of Education announced a series of next steps aimed at opening up resources that higher-education leaders, private-sector and philanthropic leaders, technology developers, and entrepreneurs can use to enhance affordability, access, and outcomes in higher education. These actions include:

- **Exploring the Use of APIs to Improve Access to Education Resources:** The U.S. Department of Education will explore the use of Application Program Interfaces (APIs) as a way to help students and families access key education processes, programs, and data. The Department will issue a Request for Information (RFI) to gather ideas and feedback on potential development of APIs with key education data, programs, and frequently used forms—including the Free Application for Federal Student Aid (FAFSA). These efforts will build on steps the Department is already taking to make data available to the public in API format from the National Center for Education Statistics’ Common Core of Data and Integrated Postsecondary Education Data Systems (viewable at [http://www.ed.gov/developers](http://www.ed.gov/developers)).

- **Opening Targeted FAFSA Completion Data to High Schools and Guidance Counselors.** The U.S. Department of Education is committed to responsibly sharing data with schools and guidance counselors about whether their students have applied for the FAFSA, as a tool to increase financial aid application rates. This effort can help spur the development of new resources for parents, school leadership, and guidance counselors to assist students applying for Federal student aid.

- **Pursuing Data-Driven, Targeted Strategies for Communicating with Student Loan Borrowers:** Last fall, the U.S. Department of Education conducted a targeted outreach campaign to 3.7 million borrowers to inform them of their options to manage their Federal student loan debt. Building on these targeted outreach efforts, the Department’s Office of Federal Student Aid will continue to develop data-driven strategies for communicating with student-loan borrowers, tailoring communications to borrowers to maximize awareness of repayment options for Federal student loans. By analyzing available student aid data, the Department will continue to develop more sophisticated approaches to communicating with students, such as targeting easy-to-understand information about Income-Driven Repayment plans to those borrowers who may benefit from such plans.

- **Considering the Integration of Third Party Apps into the Department’s Financial Aid Toolkit:** Last month, the U.S. Department of Education launched the Financial Aid Toolkit at [http://financialaidtoolkit.ed.gov](http://financialaidtoolkit.ed.gov) as an online “one-stop shop” for financial aid resources, aimed at guidance counselors, community-based organizations, and others who help students select and finance their higher education. The Financial Aid Toolkit consolidates into one searchable
online database a full range of financial aid resources covering the entire financial aid lifecycle—from applying for financial aid to repaying student loans. Going forward, the Department will study the potential benefits of integrating third-party apps, tools, and other services into the Toolkit, potentially making this resource even more accessible and user-friendly.

- **Continuing Engagement around Higher Education Innovation and Open Data**: In the coming weeks, building on the innovations highlighted at the Datapalooza, the U.S. Department of Education will continue to engage with leaders in higher education, business, and philanthropy across the Nation to explore ways to further empower students with tools to make more informed decisions about college and to develop ways to improve teaching and learning. Additionally, the Department will continue to receive feedback and ideas from stakeholders on ways that it can make Department data sources, tools, or forms for students more open and accessible. Feedback can continue to be directed to datapalooza@ed.gov.

- **Calling for Ideas for Experimental Sites**: The President has called for the U.S. Department of Education to support new ideas in higher education through a limited number of experimental sites. The Experimental Sites authority under Title IV of the Higher Education Act (HEA) allows the Secretary of Education to waive specific Title IV, HEA requirements of the Federal student financial assistance programs to test responsible innovations coupled with evaluations of their effectiveness. Experiments could include enabling colleges to offer Pell grants to high-school students taking college-level courses, allowing Federal financial aid to assist students seeking academic credit for prior learning, and combining traditional calendar-based and competency-based courses into a single program of study. The Department is asking the public, the higher education community, and others to send their ideas for experimental sites that would support a better-educated workforce and citizenry. Ideas should be submitted by Jan. 31 to experimentalsites@ed.gov. For more information, please see the Department’s Dear Colleague Letter and Federal Register notice.

- **Streamlining Application Paperwork**: The U.S. Department of the Treasury will explore opportunities to help consumers access their own Government-held financial records online. Federal student-loan borrowers need access to Government-held personal records, such as tax returns, to help apply for aid and scholarships, as well as to enroll in programs to help them repay their loans, such as Income-Driven Repayment programs. As a part of this overall effort, the IRS is launching Get Transcript, which will give taxpayers the ability to view, print, and download their tax transcripts—making it easier for student borrowers to access their own tax records needed for loan and grant applications.

- **Seeking New “Pull Mechanisms” to Support Development of New Learning Technologies**: The White House Office of Science and Technology Policy (OSTP) is seeking input on how incentive prizes and other “pull mechanisms” might be used to accelerate the development, rigorous evaluation, and widespread adoption of high-impact learning technologies. Some of the advantages of pull mechanisms are that a funder can: (a) pay only for success; (b) set a goal without having to choose in advance which team or approach is most likely to be successful; and (c) increase the number and intellectual diversity of the teams that are working to solve a particular problem. Already, Federal agencies have offered almost 300 incentive prizes on Challenge.gov, providing opportunities for citizen solvers to offer novel solutions to a wide array of tough problems. OSTP intends to build on this pull-mechanism momentum with a specific focus on learning technologies, and has released a Request for Information (RFI) asking stakeholders (e.g., Federal agencies, philanthropists, employers, researchers, nonprofits, and state and local education agencies) what roles they would be willing to play in the design, funding, and implementation of pull mechanisms for learning technology. The full
Request for Information can be found here and supplemental information on pull mechanisms can be found here. Comments are due by March 7, 2014, and can be sent to learning@ostp.gov.

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**Showcase**

Source: [http://www.whitehouse.gov/sites/defa...articpants.pdf](http://www.whitehouse.gov/sites/defa...articpants.pdf) (PDF)

White House & U.S. Department of Education
2014 Education Datapalooza
Innovation Showcase Participants – January 15, 2014

**AcademyOne, Inc.**

[http://academyone.com](http://academyone.com)
AcademyOne is a software firm partnering with state agencies and institutions to improve retention and degree completion by providing web portals, mobile applications, and data management tools.

**Admittedly**

[http://www.admittedly.com](http://www.admittedly.com)
Admittedly is an online college advisory tool for high school students, their parents, and guidance counselors that provides guidance modules focused on college visit planning, application management, essay advising, financial aid, scholarships, test prep, and more.

**American Student Assistance (ASA)**

[http://www.saltmoney.org](http://www.saltmoney.org)
ASA is a nonprofit organization that partners with colleges to provide financial education and debt-management services to in-school and alumni populations. ASA’s “SALT” program provides online financial education; loan repayment tools; interactive content; and access to loan repayment counselors.

**ApplyKit, Inc.**

[http://www.applykit.com](http://www.applykit.com)
ApplyKit is a web-based tool that helps families manage the college application process from start to finish.

**ASSISTments at Worcester Polytechnic Institute**

[http://www.assistments.org](http://www.assistments.org)
ASSISTments is a free online platform of the Worcester Polytechnic Institute (WPI), developed in collaboration with Carnegie Mellon, that allows teachers to write and select questions, students to get immediate and useful tutoring, and teachers to receive instant reports to help inform their classroom instruction.
Basno

http://basno.com
Basno is an online platform for creating and collecting digital badges aimed at helping people receive recognition and value for the commitments, accomplishments, skills, and passions that define them.

Carney Labs

http://www.carneylabs.com
Carney Labs is a technology company that has developed a personalized learning platform called “MARI” that uses student-achievement data from a variety of sources to provide recommendations to students on how they can more effectively close achievement gaps.

Chegg

http://www.chegg.com
Chegg is an online student hub that offers an array of required and non-required scholastic materials, including millions of textbooks, access to online homework help, course organization and scheduling, as well as college and university matching tools and scholarship connections.

Codecademy

http://www.codecademy.com
Codecademy is an easy-to-use, web-based platform where individuals can learn the building blocks of web development, coding, and how to build browser-based games in an interactive, engaging online environment.

College Abacus

https://collegeabacus.com
College Abacus is a service that allows students to compare their official financial aid estimates from 3600+ schools. The online tool gathers students’ estimates from federallymandated net price calculators (NPCs) in real time.

CollegeAppz

http://collegeappz.com
CollegeAppz is an online step-by-step college prep program that takes students through the entire college admissions and financial aid process, including by helping students find their best school matches.

CollegeSnapps

http://www.collegesnapps.com
CollegeSnapps provides students with a free app that delivers tips and reminders with the aim of increasing enrollment and persistence in college. It also helps school personnel, such as student advisors, connect in real-time to answer questions and provide information to students.
CourseMaster Inc.
http://course-master.com
CourseMaster Inc. provides a platform to make high quality higher education more affordable and accessible through blended and online/mobile learning experiences.

Curious Learning
http://labx.media.mit.edu/category/projects
Curious Learning focuses on providing an informal educational setting through a mobile application that promotes curiosity through a real-time, peer-to-peer question and answer platform in the field of one’s interest. Through geotagging, the application allows people to interact as experts and learners in various topic areas, from anywhere in the world.

Degreed
http://degreed.com
The Degreed mission is to ‘jailbreak the degree’ by measuring all of a person’s academic, professional and lifelong learning. It is a free service that scores and validates one’s lifelong education from both accredited and non-accredited sources.

edX
https://www.edx.org/
EdX offers interactive online classes and Massive Open Online Courses (MOOCs) from leading universities on a range of topics, including biology, business, chemistry, computer science, economics, finance, electronics, engineering, statistics and more.

FinalsClub Foundation
http://KarmaNotes.org
KarmaNotes.org is a free and open website for college students to share academic resources online.

FindTomorrow
http://www.findtomorrow.org
FindTomorrow.org shows students how their choice of college and career will impact everything from their student loan payments to what homes they are likely to be able to afford in 5, 10, or 20 years.

Flat World Education
http://www.flatworld.com
Flat World Education aims to make learning more engaging, fulfilling, and efficient through beautiful, mobile-first learning environments that adapt to one’s mastery of specific competencies.
Flinja

http://www.flinja.com
Flinja (or "freelance ninja") provides a platform where students can connect to skills and find out about relevant work experiences and freelance projects that are available for them to complete while in school.

HackerRank

https://www.hackerrank.com
HackerRank hosts events backed by leading tech companies and startups, including programming challenges for prizes & jobs.

How's My Offer?

http://www.howsmyoffer.com
This online tool allows students to anonymously compare their college award offer letters with others. Through the power of this community, students are empowered to understand whether they are getting good offer deals, and make more informed decisions.

Interfolio

http://www.interfolio.com
Interfolio provides web-based, collaborative decision-making platforms for collaborative review and evaluation of faculty, school application management, and confidential letter-of-recommendation services.

Logrado, Inc.

http://www.logrado.com
Logrado is a mobile guidance system that supports students in accessing, persisting in, and completing college, including through interactive “missions” that students can access to guide them through critical steps for college success. It also provides mobile apps and collaboration platforms to support completion by students of milestones and tasks.

Lone Star College System

http://www.lonestar.edu
Lone Star College System is a Houston-area-based open-enrollment institution which accepts all students once their admissions application has been submitted.

MakeGamesWithUs

https://www.makegameswith.us
MakeGamesWithUs teaches students to code and ship their own original iPhone game. Students can learn through free online tutorials, or participate in a Summer Academy, a two month program designed to help students ship a product and gain exposure to professional software development experiences.
MentorMob

http://www.mentormob.com
MentorMob is a crowdsourced lifestyle learning site. Its community of enthusiasts curate free online guidebooks based on the web content to help anyone learn, enhance, or master their interests, hobbies, or professions.

Modern Guild

http://www.modernguild.com
Modern Guild is an online career mentoring company offering different levels of 1-on-1 tutoring to guide high school and college students from career discovery to career readiness. Online courses are taught by trained career coaches and industry professionals, supported by web-based exercises and tools, and delivered online to optimize user convenience.

Mytonomy

http://www.mytonomy.com
Mytonomy is a video advising tool for students, teachers, and school counselors. Part platform, part content library, Mytonomy provides near-peer advising in the form of short-form Q&A videos.

Noodle Education

http://www.noodle.org
Noodle helps people make education decisions. From preschools to colleges, from local classes to tutors, Noodle helps people search thousands of opportunities and get advice from a community of experts and fellow learners.

One Month Rails

http://onemonthrails.com
One Month Rails teaches beginners how to build a Ruby on Rails web app in 30 days, all online and self-paced. It tracks student progress and improves completion rates to help people turn their ideas into a reality.

Overture Technologies

http://www.OvertureCorp.com
Overture Technologies provides specialized tools to help students navigate the financial aid process and create comprehensive plans for financing their educations.

panOpen

http://panopen.com
panOpen provides tools and services to help open educational resources realize their promise as forces for change in the world of educational content.
**Parchment**

http://www.parchment.com

Parchment is an online education credentials platform and service that helps consumers and organizations request, collect, share, analyze, and promote their academic and professional credentials.

**PathSource**

http://www.pathsorce.com

Supported by occupational data and advanced analytics, PathSource uses a blended learning curriculum to connect education and jobs and to help young people make career and life choices.

**PayScale**

http://www.payscale.com

Publisher of the College Salary Report and College ROI Report, PayScale, Inc., has created a comprehensive, online compensation database showing current market salaries to employees and employers.

**Pedagogy Wizard**

http://cte.cornell.edu

A student-learning consortium that includes the Cornell Center for Teaching Excellence; Derek Bok Center for Teaching and Learning; Harvard Graduate School of Education; and Yale Center for Scientific Teaching.

**Personal.com**

http://www.personal.com

Personal partners with schools, the U.S. Department of Education, and others to help people control their own digital information and provide apps to help them access, share, and reuse their data, including for auto form-filling.

**Quad Learning**

http://quadlearninginc.com

Quad Learning partners with community colleges to offer American Honors, a program serving students of high motivation and ability through the first two years of their college education.

**Ranku**

http://www.goranku.com

Ranku is a web-based discovery engine for online degrees from traditional universities.

**RyeCatcher**

https://www.ryecatcher.com

RyeCatcher is an application that helps students with special needs by connecting them with the local service providers, resources, and organizations that support them.
Starfish Retention Solutions, Inc.

http://www.starfishsolutions.com
Starfish Retention Solutions provides a software platform and tools that help institutions view student activity and systems to help students achieve their academic goals.

The GovLab

http://thegovlab.org
The Governance Lab (GovLab) at NYU is now leading a project called the Open Data 500 to identify and study 500 U.S.-based companies that are using open government data as a key business resource.

Tutor Matching Service

http://TutorMatchingService.com/about
Tutor Matching Service has partnered with a range of colleges and universities to provide an online ‘private tutor list’ and tutor marketplace that connects students to the tutors they need.

Uvize

http://www.getuvize.com
Uvize provides schools with an innovative software platform, including an online mentor network and support site, to help military veterans succeed in college.

Verificient Technologies

http://verificient.com
Verificient Technologies supports affordable online education and protects the integrity of online programs by verifying the identity of online test-takers and certifying achievement while safe guarding the intellectual properties of the assessment.

VisitDays

http://www.visitdays.com
VisitDays provides a service for parents and students to schedule and register college visits, enabling users to organize multiple visits and develop individualized itineraries without visiting and booking via individual college websites.

WorkAmerica

http://www.workamerica.co
WorkAmerica partners with companies to develop and implement customized workforce retraining programs that are directly tied to guaranteed jobs.
The White House and U.S. Department of Education to Host Education Datapalooza

Source: Email

In August, President Obama outlined an ambitious new agenda to combat rising college costs and make college affordable for American families. As a part of this plan, the President called on the U.S. Department of Education to enlist entrepreneurs and technology leaders to catalyze new private-sector tools, services, and apps to help students evaluate and select colleges. On Wednesday, in response to the President’s call, the White House and the U.S. Department of Education will host an Education “Datapalooza”, highlighting innovators from the private, nonprofit, and academic sectors who have used freely available government data to build products, services, and apps that advance postsecondary education, empower students with information, and help colleges innovate in creative and powerful ways.

In particular, the program will focus on two areas responsive to the President’s call: empowering students and families with the information, apps, websites, and other tools to make informed decisions about going to and paying for college -- and leveraging technology to increase the quality of teaching in learning both online and in hybrid formats that can mean breakthroughs on college cost and quality.

Over the past few years, the Obama Administration has launched a series of Open Data Initiatives, which have released troves of valuable data that were previously hard to access in areas such as health, energy, education, public safety, and global development. These data are being used by innovators, businesses, researchers, and the public to create new services and applications that benefit Americans. Leading up to the Datapalooza, the U.S. Department of Education, in partnership with the White House Office of Science and Technology Policy, traveled across the country to gather feedback and host “Data Jams”, which brought together groups of entrepreneurs, software developers, college and university scholars and students, along with policymakers and others, to brainstorm creative ideas to improve postsecondary education in support of President Obama’s college value and affordability efforts.

DATE: Wednesday, January 15, 2013

TIME: 9:30 a.m. ET until approximately 2:00 p.m. ET

LOCATION:
Ronald Reagan Building and International Trade Center
1300 Pennsylvania Ave NW
Washington, D.C.

KEY SPEAKERS:

- The Honorable Arne Duncan, U.S. Secretary of Education
- Cecilia Muñoz, Assistant to the President, Director of the Domestic Policy Council
The Honorable Dan Tangherlini, Administrator, U.S. General Services Administration

Nick Sinai, U.S. Deputy Chief Technology Officer

REGISTRATION: To attend in-person, media must RSVP HERE by Tuesday, January 14 at 5:00 PM ET.

LIVESTREAM: The event will be livestreamed online. Please click here: http://www.ed.gov/datapalooza

Note: The speakers program will run until approximately 12:00 p.m. ET followed by an interactive “innovation showcase” featuring dozens of products powered by open government data.

For more information, visit http://www.whitehouse.gov/ostp

White House Fact Sheet: Safety Datapalooza

Source: http://www.whitehouse.gov/sites/default/files/microsites/ostp/safety_datapalooza_factsheet_jan-2014.pdf (PDF)

In May 2012, the White House launched the Safety Data Initiative, an historic effort to make government data relating to every aspect of public and product safety, from crime to roadway safety to food safety, much more accessible, and to encourage the development of innovative apps and services fueled by those data to empower Americans with the information and tools to make smarter, safer choices. This initiative is part of the Administration’s larger commitment to unleash the power of open data. Over the past few years, the Federal Government has released troves of valuable data that were previously hard to access in order to enhance transparency and accountability, improve government services, promote innovation, and build a stronger economy.

Building on these efforts, today, the White House, and agencies including the U.S. Department of Transportation (DOT) and the U.S. Department of Agriculture (USDA), are convening innovators from public safety, technology, academic, entrepreneurial, and government communities for the second-annual Safety Datapalooza, which will highlight important uses of government data to build products, services, and apps that advance public safety in creative and powerful ways. Announcements and event highlights include:

Applications, Tools, and Services

New Emergency Information Hashtags

The White House, the Federal Emergency Management Agency, and the Department of Energy are launching standardized hash tags (#PowerLineDown #NoFuel and #GotFuel ) to enable citizens to report important emergency information, such as downed power lines or whether a gas station has fuel, across social media platforms during disasters. Hashtags will be used by FEMA, the Department of Energy, survivors, first responders, state and local officials, and utility companies to improve disaster response and recovery efforts.
Leveraging Data to Help Prevent Illness

An estimated 1.3 million illnesses can be attributed to *Salmonella* bacteria every year. In an effort to help reduce the number of illnesses associated with products regulated by USDA’s Food Safety and Inspection Service (FSIS), USDA will host a DataJam aimed at improving the accessibility and usability of FSIS data and empowering the public to leverage open data to help prevent illnesses.

Expanding Access to Food and Drug Safety Data

The Food and Drug Administration is announcing openFDA, a new initiative that will provide easy access to FDA datasets that support the agency’s regulatory mission, help educate the public, and save lives. The project will make several valuable FDA public datasets—including millions of adverse event and medication error reports on FDA-regulated drugs—available to the public for the first time, via application programming interfaces (APIs) and raw structured files.

Crowdsourcing to Improve Disaster Response

The Federal Emergency Management Agency and The National Geospatial-Intelligence Agency are announcing the development of “GeoQ”, a tool that crowdsources geo-tagged photos of disaster-affected areas to assess damage over large regions. This information will allow the Federal Government to better allocate critical response and recovery resources to regions in need.

Reducing Hazardous Noises

Every year, approximately 30 million people in the United States are occupationally exposed to hazardous noise, which can cause permanent hearing loss. In an effort to reduce hazardous noises in the workplace, the U.S. Department of Labor will convene subject matter experts for a Data Jam event aimed at highlighting relevant data sets and brainstorming data-driven ideas to reduce workplace-related hearing loss.

Energy Emergency Preparedness

The U.S. Department of Energy is previewing “Lantern”, a mobile app that provides helpful information and assistance during a disaster. The mobile app is designed to provide consumers timely disaster preparedness tips and recommendations, allow consumers to report and access information on power outages and fallen power lines, and help users find fuel and report the status of gas stations.

Safety Warnings for Overseas Travel

The U.S. Department of State’s Bureau of Consular Affairs has released an online service to share Travel Warnings and Travel Alerts so that U.S. citizens have information about international travel risks—such as health alerts, ongoing crime and violence, or frequent terrorist attacks. The new Application Programming Interface (API) lets developers access these datasets from the State Department and integrate them into websites and mobile applications such as tourism guides and online travel sites.
Increasing Consumer Product Safety Awareness

The Consumer Product Safety Commission is announcing a “Safer Products App Challenge”, calling on innovators to create applications and tools that help raise awareness of product reports submitted through SaferProducts.gov and of consumer product recalls. SaferProducts.gov has more than 17,000 consumer reports with information about the manufacturer as well as data about the date, location and type of incident. The CPSC plans to announce challenge winners in summer 2014.

Monitoring Product-Related Injuries

The Consumer Product Safety Commission’s National Electronic Injury Surveillance System allows users to review information submitted by hospitals about product-related injuries including the products and body parts involved, injury type and diagnosis and patient statistical information. CPSC is releasing XML data of its consumer product recalls dating back to 1973, including product description, hazard, and recall date.

Mapping High-Risk Locations to Help Fight Crime

Rutgers University is showcasing, a “Risk Terrain Modeling” tool that uses crime data to identify and map high-risk locations, with the aim of helping law enforcement officers and others anticipate places where illegal behavior will most likely occur; identify where new crime incidents may emerge; and help to develop intervention strategies and tactically allocate resources. The Risk Terrain Modeling app is being offered free of charge to law enforcement agencies and can be used to help evaluate the crime risk of specific locations and to help focus crime prevention efforts on the areas that need it most.

Tracking Labor Law Violations

Created in response to the U.S. Department of Labor’s “Labor Data Challenge”, LaborSight is a tool designed to Promote Fair Labor practices by allowing consumers and job seekers to check whether local businesses have violated United States labor laws—including the severity of the violations. The tool is powered by Occupational Safety and Health Administration (OSHA) Inspections and Wage and Hour Investigations open data.

Disaster Response and Recovery Tech Corps Program

The Federal Emergency Management Agency will discuss the development of a Tech Corps Program with the goal of facilitating a national network of skilled, trained technology volunteers who can provide assistance during community response and recovery efforts following a federally declared disaster.

Using Technology to Improve Criminal Justice Operations

The National Institute of Justice’s $150,000 app challenge, “Ultra-High-Speed Apps: Using Current Technology to Improve Criminal Justice Operations”, promotes the development, use and evaluation of criminal justice software applications that are compatible with ultra-high-speed (UHS) networks. New UHS applications can provide real-time information and support to criminal justice and public safety practitioners in emergency situations. The first round of submissions in response to the Challenge are due February 14, 2014.
Private Sector Commitments

The Weather Channel

The Weather Channel will publicize to its 100 million+ web visitors and TV viewers new standardized hash tags (#PowerLineDown #NoFuel and #GotFuel) developed by the White House, the Federal Emergency Management Agency, and the Department of Energy to enable citizens to report important emergency information, such as downed power lines or whether a gas station has fuel or not, across social media platforms during disasters. The Weather Channel is also developing an app to help families be prepared for natural disasters and extreme weather events. The app will focus on hyper local weather events and use both open government and proprietary data including National Weather Service alerts, precipitation proximity alerts, and lightning data.

TaskRabbit Disaster Recovery Assistance Program

TaskRabbit is a platform that allows users to post small job offers to a community of those willing to pick up a task in exchange for payment. The company, which includes a network of over 20,000 vetted workers across the country, is announcing that it will provide a dedicated portal for specific recovery efforts during times of crisis, such as distributing food. The portal can serve as an interface for relief organizations to request help during a disaster and connect with high-skilled workers that are willing to volunteer their time. As part of this announcement, TaskRabbit will include a feature that allows workers to pledge their time as volunteers for relief organizations. TaskRabbit will not charge any fees for facilitating these connections.

Geofeedia

Geofeedia, a location-based social media monitoring service, is announcing a free version of its service for first responders, disaster survivors, utility companies, and local, state and Federal governments to use during a disaster to identify the location of downed power lines and gas stations with fuel through tweets and posting of photos. The service will allow first responders to access real-time intelligence about disaster-impacted areas and improve situational awareness.

Crowdtilt

Crowdtilt, an online crowdfunding platform, has found that one of the most impactful ways to use crowdfunding in post-disaster scenarios is to help prevent displacement of local businesses. In the event of a disaster, Crowdtilt will empower business owners to fundraise on a rapid timeline and amplify their stories to help prevent displacement. Crowdtilt will also present a preview for the crowdfunding platform it is developing for small businesses affected by disasters.

Getaround

Getaround is a car sharing platform that allows users to find, rent, and access vehicles in their neighborhood using their mobile device. Getaround is committing to help get people and supplies out of harms way during disasters by communicating instructions to its users, as advised by authorities, so that its customers know how to help or get help; notifying all vehicle owners via email and SMS to encourage them to make their cars available at discounted rates; and waiving its commission fee during the recovery.
Safety Data in Action: Company Case Studies

Keychain Logistics

Keychain Logistics is a business that directly connects companies looking to ship products with independent semi-truck owners and operators. Keychain uses freely available data from the Federal Motor Carrier Safety Administration and the U.S. Department of Transportation to verify that drivers are qualified, to ensure drivers have appropriate insurance coverage and equipment, and to match drivers to shipments with specific needs—such as checking for drivers that are licensed to provide transportation services for hazardous materials. Keychain was started at Y Combinator, a Silicon Valley accelerator, and has grown from a company of one employee to nine in just over 18-months and expects to double in size by the end of 2014.

Be Sharp

BeSharp is an application developed through a White House Safety Datajam that measures police officer fatigue through a wrist monitor and pushes text message warnings as the officer becomes potentially impaired by fatigue while on duty. The app aims to improve safety and medical conditions, as well as provide objective data about officers' fatigue-related impairment in the field.

The White House, U.S. Department of Transportation, and U.S. Department of Agriculture to Host Safety Datapalooza

Source: Email

On Tuesday, the White House, the U.S. Department of Transportation, and the U.S. Department of Agriculture will host a "Safety Datapalooza," featuring innovators from the private, nonprofit, and academic sectors who have utilized freely available government data to build products, services, and apps to advance public safety in creative and powerful ways. The event will feature safety data resources in areas ranging from transportation to food to consumer product safety, as well as tools to improve disaster preparedness and emergency response and to help empower Americans with information to make smarter, safer choices.

Over the past few years, this Administration has launched a series of Open Data Initiatives, which have released troves of valuable data that were previously hard to access in areas such as health, energy, education, public safety, and global development. These data are being used by innovators, businesses, researchers, and the public to create new services and applications that benefit Americans.

DATE: Tuesday, January 14, 2013

TIME: 9:00 a.m. to 12:00 p.m. ET

LOCATION:

United States Department of Agriculture
Jefferson Auditorium

http://semanticommunity.info/Data_Science/Data_Science_for_Datapalooza
Updated: Wed, 23 Sep 2015 09:18:59 GMT
Powered by mindtouch™
1400 Independence Avenue, SW

Washington, D.C.

KEYSPEAKERS:

_The Honorable Krysta Harden, U.S. Deputy Secretary of Agriculture_

_The Honorable Seth D. Harris, U.S. Deputy Secretary of Labor_

_Todd Park, Assistant to the President, U.S. Chief Technology Officer_

_The Honorable Rich Serino, Deputy Administrator of the Federal Emergency Management Agency_

_The Honorable Robert Adler, Acting Chairman of the U.S. Consumer Product Safety Commission_

_The Honorable Gregory Winfree, Administrator of the Research and Innovative Technology Administration, U.S. Department of Transportation_

_The Honorable Janice Jacobs, Assistant Secretary for Consular Affairs, U.S. Department of State_

_The Honorable Patricia Hoffman, Assistant Secretary for the Office of Electricity Delivery and Energy Reliability, U.S. Department of Energy_

_The Honorable Dr. Nicole Lurie, Assistant Secretary for Preparedness and Response, U.S. Department of Health and Human Services_

The event will also feature demonstrations of safety tools, apps, and resources by a range of developers, startups, businesses, researchers, and innovators.

AGENDA: See below.

REGISTRATION: To attend in-person, media must RSVP to Yewande.Addie@oc.usda.gov with the name, media outlet, phone, and email for each person planning to cover the event by Monday, January 13 at 4:00PM ET, with the subject line "Safety Datapalooza". On the day of the event, media must enter Wing 5 of the United States Department of Agriculture South Building on Independence Avenue, SW.

WEBCAST: This event will be webcast live at http://www.whitehouse.gov/live.

For more information, visit http://www.whitehouse.gov/ostp.

White House Safety Datapalooza

Tuesday, January 14, 2014 | 9 a.m. to noon

U.S. Department of Agriculture | Jefferson Auditorium, Washington, D.C.
Welcome
Krysta Harden
Deputy Secretary
U.S. Department of Agriculture

Safety Data Keynote
Gregory Winfree
Administrator of the Research and Innovative Technology Administration
U.S. Department of Transportation

Transportation Data in Action
Bryan Beshore
Founder, Keychain Logistics

Travel Warnings and Travel Alerts
Janice Jacobs
Assistant Secretary for Consular Affairs
U.S. Department of State

Consumer Product Safety Challenge
Robert Adler
Acting Chairman
U.S. Consumer Product Safety Commission

Worker Safety Data
Seth D. Harris
Deputy Secretary
U.S. Department of Labor

http://semanticommunity.info/Data_Science/Data_Science_for_Datapalooza
Updated: Wed, 23 Sep 2015 09:18:59 GMT
Powered by mindtouch
Labor Data in Action
Katherine Champagne
Web Developer, LaborSight.com

Panel Discussion: The Value of Open Data

Nick Sinai, U.S. Deputy Chief Technology Officer

Tyler Duvall, Associate Principal, McKinsey & Co.

Joel Gurin, Senior Advisor, GovLab

Waldo Jaquith, Director, Open Data Institute

Innovation for Disaster Response and Recovery

Rich Serino
Deputy Administrator
Federal Emergency Management Agency

Demo: GeoQ

Jackie Kazil
Presidential Innovation Fellow, Federal Emergency Management Agency

All Hands on Deck: Industry Announcements

Padden Murphy, Public Policy and Market Development, Getaround

Brian Birtwistle, Head of Partnerships and Operations, CrowdTilt

Leah Busque, Founder and CEO, TaskRabbit

Bryson Koehler, Executive Vice President and Chief Information Officer, The Weather Channel

Innovation for Disaster Response and Recovery

Patricia Hoffman
Assistant Secretary
Demo: Lantern
Derek Frempong

Presidential Innovation Fellow, U.S. Department of Energy

Innovation for Disaster Response and Recovery: Industry Announcement
Phil Harris

Chief Executive Officer, Geofeedia

Innovating for Life-Sustaining Solutions During a Disaster
Dr. Nicole Lurie

Assistant Secretary for Preparedness and Response
U.S. Department of Health and Human Services

Transportation Data in Action
Matt Kochman

Founder, Buster

Law Enforcement Officer Safety
Greg Ridgeway

Acting Director, National Institute of Justice
U.S. Department of Justice

Justice Data in Action
Bryan Vila

Professor of Criminal Justice and Criminology, Washington State University

Joel Caplan

Assistant Professor of Criminal Justice, Rutgers University
Closing Keynote

Todd Park

Assistant to the President and U.S. Chief Technology Officer

The White House Office of Science and Technology Policy

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