

Draft Listing of Community Data and Tech Trainings from the NNIP Survey (9/13/16)

NNIP Partner	Training name	Description Provided
Atlanta	How to Use Census and Other Data Sites	Most of this training focused on using the American Factfinder to get to local data (census tract), and using other sites like OnTheMap and QWI to access other types of local data.
Atlanta	How to Use Neighborhood Nexus	This is similar to the other training, but focused specifically on using Neighborhood Nexus tools to visualize data, much of which comes from the American Factfinder.
Baltimore	Baltimore Data Day	An annual event with various workshops on data - both focused on issue areas and on skills.
Baltimore	Neighborhood Institute	Strong City Baltimore's Neighborhood Institute is an annual event that provides over 300 community residents, neighborhood leaders, and community development professionals with the training and tools they need to tackle challenges big and small. https://www.strongcitybaltimore.org/our-work/neighborhoods/neighborhood-institute-2016/
Boston	Metro Boston Data Common (WEAVE)	The Metro Boston Data Common training is meant to show people how to access the different data resources available on the site, such as the Data Catalog and the Community Profiles, and to train participants how to make their own data visualizations using WEAVE.
Boston	Data Day (several different types of trainings around data use)	At Data Day we host trainings on a number of tools, including ArcMap + web mapping, R, American Community Survey, and others
Charlotte	Quality of Life Explorer	Using the Quality of Life Explorer (http://mcmmap.org/qol/) as the data source, we conduct training on finding data and using it primarily for organizational strategic planning, grantwriting, and setting goals for neighborhood organizations.
Cleveland	NST Training	Training focuses on the NST Web App, a parcel-based web data system. Training covers how to use the system (how to log in, how to select and view data, how to filter data, how to search data), the basics of the data within the system (definitions and interpretation to some degree), and how to use the system to enter primary data for a specific program, the Cleveland Code Enforcement Partnership.
Cleveland	NEO CANDO Training	Training on NEO CANDO data system, this is done at-request, and will sometimes include other potentially useful data sites depending on the audience (American FactFinder, etc.).
Cleveland	NEO CANDO Training	http://neocando.case.edu / http://neocando.case.edu/nst/ / See our NST training video series: http://neocando.case.edu/nst/resources.jsp
Columbus	Data Driven 2013	Our conference was focused on how to use publicly available data (e.g., FactFinder, DataSource) as well as how to use various tools to present data visually
Columbus	OH Grantwriters Association	The training shows the basics of FactFinder & DataSource, plus covers additional sites to consider, as well as how to create relatively basic infographics
Columbus	Social Enterprise Training	This training is for individuals who are trying to create a social enterprise (start up with a double bottom line), so it's both about identifying need (largely Census data) as well as determining potential interest (focus groups, survey writing etc.)
Denver	Data 101 with Community Facts	Community Facts: / http://denvermetrodata.org/ / Training Presentation Material: / https://docs.google.com/presentation/d/1_OSb2xMQ8BCckl6ERf8EiRQU_RdDpPE_aWqeut2dH8Y/edit#slide=id.g35f391192_00/

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Detroit	Motor City Mapping Data Collection Training	Participants were taught how to conduct a parcel survey using the Blexting mobile application. Data collected were part of the Motor City Mapping Project.
Detroit	Summer Data Workshop Series	The first workshop, conducted in 2013, focused on introducing attendees to the principles of data and the D3 library of online resources. D3 engaged participants in focused group discussions around data analysis in three areas related to sustainability and the environment: water quality, property maintenance, and air pollution due to transportation. / / In 2014, D3 introduced attendees to mobile data collection through the use of smartphone survey applications. Participants conducted a hands-on field survey of several blocks in Detroit's Midtown neighborhood, collecting sustainability-related property data with the LocalData application. / / The 2015 workshops built upon the analytical foundation from the first two years of the curriculum. In this final iteration of the workshops, participants learned how to download free datasets from both the D3 and City of Detroit Open Data Portals. With minimal cleaning, participants were then instructed in how to use Google Fusion Tables to create interactive web visualizations of the information they'd downloaded. /
Detroit	Mini Grant D3 Tools Workshop	Participants were introduced to D3's resources, and D3's tools were demonstrated.
Grand Rapids	Nonprofit Evaluation	We utilize the WK Kellogg Foundation's Logic Model development guide to help explain how a program should think about understanding outcomes and then collecting data: https://www.wkcf.org/resource-directory/resource/2006/02/wk-kellogg-foundation-logic-model-development-guide / We also refer participants to publicly available data including the census, ACS, public health data through our Community Profiles data tool, VoiceGR local survey data (voicegr.org), and On The Map.
Grand Rapids	Developing Outcomes and Indicators for Nonprofit Programs	The goal of this training is to get nonprofits to think about outcomes and indicators rather than just outputs. We often hear from funders that grantees are funded under one priority area, are measuring outcomes that don't match up, and that their program activities don't appear to match up with either. We walk participants through a logic model or theory of change and discuss how activities should match up with outputs and outcomes, how to adjust if they don't, what the difference is between outputs and outcomes, and then how to decide on and routinely measure indicators of outcomes.
Grand Rapids	Using Community Data Tools	This training focuses on the data tools we've developed (all at cridata.org): Community profiles, Metro Edge, and VoiceGR. The goal is to help local organizations better understand what data are available to them and how to access it.
Indianapolis	Community Assessments: Getting the BIG PICTURE and little picture with Data	Community assessments use objective data to assess the current social conditions and needs of a specified community or target area as well as the community's capacity to meet those needs. This is often the first step in strategic planning, program planning, and resource allocation. Learn how to use community assessments to inform decision making for your organization or community-wide initiatives. The United Way of Central Indiana and The Polis Center have partnered to provide community organizations with the resources and expertise to secure and use data. Through a case study, representatives from both organizations will explain how their partnership gathered quantitative and qualitative data to analyze human services needs in Central Indiana at the macro level and drilled down to specific issues in a single county at the micro level. The workshop will highlight key data sources, what questions to ask, and how to use what you learn. You will use several of SAVI's tools (www.savi.org) to assess existing social conditions and identify services in the communities.

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Indianapolis	SAVI Overview: How to Use the SAVI Website	www.savi.org ; This is a fast-paced overview of SAVI's contents and tools. It will describe the data available in SAVI (census, crime, health, education, and more) and how to use the search tools in SAVI to find the data you need. It will provide an overview of the Quick Info, Community Profiles, Select Data, Map, Chart, Table, My Communities, My Data, My Projects, and other SAVI tools. This module also explores potential uses of SAVI, including examples of how SAVI is being used by organizations in Central Indiana.
Indianapolis	Basic Analysis Techniques	www.savi.org ; This course introduces participants to basic concepts and considerations when searching for and analyzing data, including data collection methods, understanding data limitations, appropriate uses of data, and making meaning out of data. You will learn how to interpret maps and charts, how to select the appropriate parameters of your data, and how to analyze change over time.
Miami	Community Needs Assessment	For training participants, intention is to provide information on where to find and access existing needs assessments conducted by local state agencies (e.g., early learning coalition, healthy start coalition, department of children and families, health department, etc.); how to access community-level data on KidStats & Maps, Census website, FloridaCharts website; and, when needed, how to decide what type of primary data collection (surveys, focus groups, stakeholder interviews) to use and some pointers on conducting the work and analyzing the data.
Miami	KidStats & Maps	The KidStats & Maps website is http://maps.thechildrenstrust.org . Key issue area is addressing the holistic development and well-being of children with support of families and neighborhoods. Data sources are American Community Survey, administrative data on injuries, births, and juvenile crime, and point data on child and family-serving programs and supports.
Milwaukee	Data Visualization	Brought in Cole Nussbaumer from Story Telling with Data and then followed up with applications.
Milwaukee	Using Fact Finder	Demonstrated with Census site, American Fact Finder. Also provided reference sites.
Milwaukee	Open Source mapping	Participants create maps in the session using Mapbox
New Haven	Data for Grantwriting	Description missing
New Haven	Using DataHaven - Roundtable	Description missing
Oakland	School GIS	This training on school GIS uses the infoalameda.org website
Oakland	Map Creation	This training on mapping uses the county open data site.
Pittsburgh	Community Profiles	Southwestern PA Community Profiles Website https://profiles.ucsur.pitt.edu/profiles/county/42003/overview/
Pittsburgh	Data 101: Data visualization, data literacy, and storytelling (series)	We only use paper in this series of workshops. We teach fundamentals related to data visualization, storytelling, and data literacy. Users are asked to look at data, find the story, and draw pictures and use narratives to share the story. Excluding computers allows those that are beginners to participate and grasp the underlying concepts of working with data without having to learn computer skills (those come later).
Pittsburgh	Data 101: Data tech tools (series)	The tech-related series will show participants how to visualize and manipulate data from the Western PA Regional Data Center. http://www.wprdc.org/ - We will teach classes on basic tools such as Excel, Tableau, and CartoDB. Data 101 training is in partnership with the Carnegie Library of Pittsburgh.
Portland	Regional Equity Atlas 2.0 training	This was a training specifically about the Regional Equity Atlas tool.

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Providence	Good Deeds	Good Deeds are a very diverse set of data tasks we provide to the community free of charge. Many of the services are focused on producing an output (visualization, data aggregation, etc.) without accompanying training, but some organizations come hoping to better understand ACS data, local business data available from the RI Sec of State, and so on. The training is personalized and ad hoc, and varies in skill level based on the audience and the particular DataSpark staff member's area of expertise.
Providence	Data Coaching for Foundation Grantees	This was a pilot program that we are hoping to continue with the Rhode Island Foundation and expand for other community foundation grantees and pre-grantees. The first stage of work completed was helping them build a program evaluation plan using their strategic plan, their theory of change, and data they were already collecting. We also helped them think about how to collect and use additional sources of data (pre- and post-tests and surveys, rubrics, etc.). Many were already referring to school-level data available at InfoWorks.ride.ri.gov but were not using the data appropriately to reflect program impacts. There was also a lot of interest among grantees in using Excel for simple survey analysis, so one of our priorities for the next phase of coaching is to offer workshops on this topic.
Providence	DataHUB Trainings	We base our trainings around the RI DataHUB as an example of data use, a way to access relevant local data, and in the paste for the Weave tool to create data visualizations. Part of our training framework was developed from materials produced by MIT and meetings with them. / / The RI DataHUB is our key data source for the trainings, but we have also talked about working with provider's own data in order to make it more relevant to them. Currently we focus on a specific topic in the training (for example health data, or RI student survey data). / / We go over the '4 C's of understanding and presenting data - Correlation, Characteristic, Comparison, and Correlation - that should be relevant throughout their work. We also leave a lot of space for work-specific questions.
San Antonio	Using Census Data for Grantwriting and Community and Neighborhood Analysis	In, 2012 CI:Now partnered with the Census Bureau Denver Region's trainer to do one-day trainings on using Census Data - especially American Factfinder - and CI:Now's Data Explorer (nowdata.cinow.info), and NOWCastSA webcast it (video here: http://nowcasts.com/blogs/webcast-using-census-data-community-and-neighborhood-analysis).
Seattle	Othello	Description missing
Seattle	CDBG	City of Chicago Data Portal (311 data sets), census data
Seattle	South King County	Description missing
St. Louis	How to Interpret Renter Data	Description missing
Washington, DC	Accessing and Using External Data	NeighborhoodInfoDC.org; Neighborhood Change Database, map and geocode client data and map small-area data using QGIS.

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External Organizations		
Microsoft	Civic Data and Excel	City of Chicago data portal (311 data), Cook County data portal (housing data)
Microsoft	Mapping	This training focused on mapping and using data from Chicago's open data portal (data.cityofchicago.org)
Microsoft	Introduction to Open Data	This training taught how to access and use Chicago's open data portal
NTEN	Engagement Scoring: Activate Your Supporters and Measure Your Impact	Key Takeaways: / / Simple ways to set up engagement scoring at your organization across multiple platforms / Measurement strategies to more accurately gauge your impact / How to use your data to evaluate and identify gaps or problem areas in your work / Tips for evaluating and refining your engagement indexes over time
NTEN	Analytics for the Social Sector	This workshop will cover how the tools and methods of advanced analytics meet the operational and programmatic needs of nonprofits and foundations.
NTEN	Five Steps to a Successful Online Strategy	Key Takeaways: / / By the end of the workshop, you will have the overarching vision to help you: / / Define a clear online strategy / Understand the placement of different communication channels and how they should complement and integrate with each other / Know how to identify useful indicators and build a practical evaluation plan
MIT Media Lab	Out of the Spreadsheet and Into the Community	This workshop discusses how to move from data to storytelling using participatory methods, such as a data mural, to promote community building and empowerment.
MIT Media Lab	Using Data To Show Impact in the Arts	A workshop for people working in the youth arts sector. Organized with Edvestors, it focused on helping organizations think about how to use data to help tell their stories and show their impact.
MIT Media Lab	From Sensors to Stories	The workshop included a discussion of issues and challenges in collecting and visualizing data, a presentation of tools and trends in data storytelling, and a design exercise to quickly outline potential data storytelling tools.
U.S. Department of Commerce	Introduction to Data Analysis with R	Here is the link to all the materials for the course: https://github.com/prioberoi/R_intro_to_data_analysis / We used NTIA's broadband data from June, 2014 for Washington, DC. The goals for this course were as follows: Walk away with the foundations for / • The role of data analysis is in the data science pipeline / • R markdown / • Data visualizations / • Clean data / • Aggregate and summarize data / • Statistical tests
U.S. Department of Commerce	Data Wrangling with Pandas	Goals for the class / • Be able to define what data wrangling is. / • Understand why data wrangling is so difficult/time intensive. / • Deploy some tools from Pandas to make wrangling easier. / • Think about the role that data wrangling plays in machine / learning. / / Resources used: https://s3.amazonaws.com/cds-cda/DataWranglingPandas_Jun2016/Data+Academy-+Wrangling+with+Pandas.pdf
U.S. Department of Commerce	Introduction to Machine Learning	We just had this class today so the materials are not yet available on our website, but they will be posted soon. This course provided a basic introduction to machine learning: what it is, how it works, and how to get started with machine learning in Python using the Scikit-learn API. / / Topics covered in the course were: Supervised Learning, Unsupervised Learning, Scikit-Learn, Dimensionality Reduction, Preprocessing. / / Software used in the course: Git, GitHub, Python, Pip, Sublime or Atom.io, Terminal or Powershell, Pandas, Sqlite3, Scipy, Numpy, Scikit-Learn, Matplotlib, iPython or Jupyter, Bokeh, Seaborn.