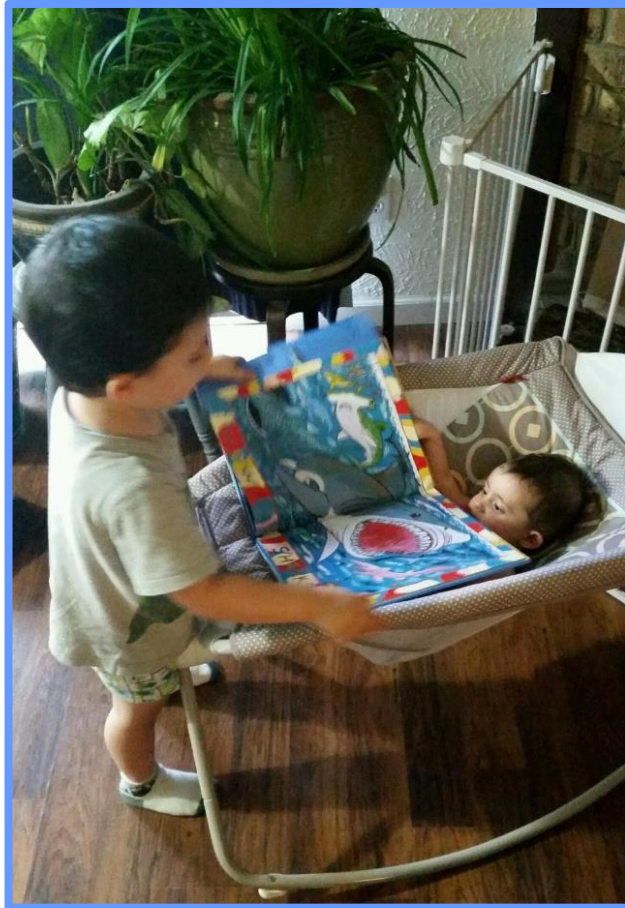


Data Dashboard Design

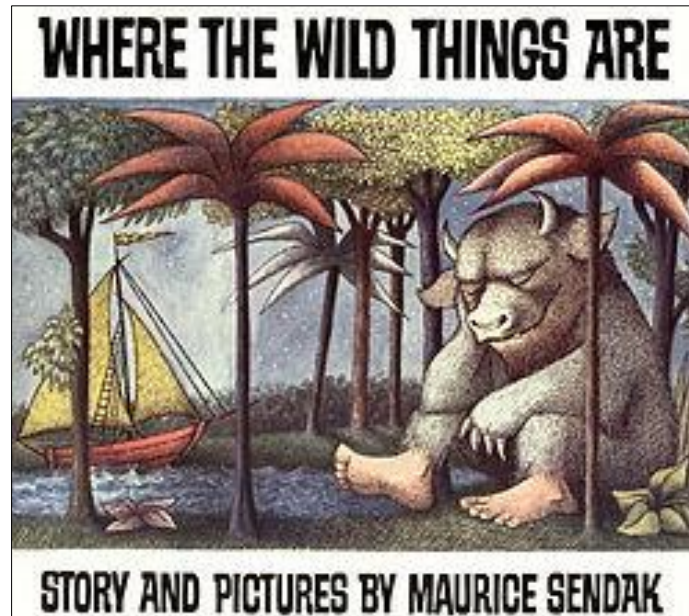
6 lessons learned in my first 6 months



Thank-you for all you do!



1. There is a lot of WILD data!



Library Data



Access Services



Digital Access



Annual Report Data



Information Connection



Budgets



Programming



Database Usage



Resources & Materials

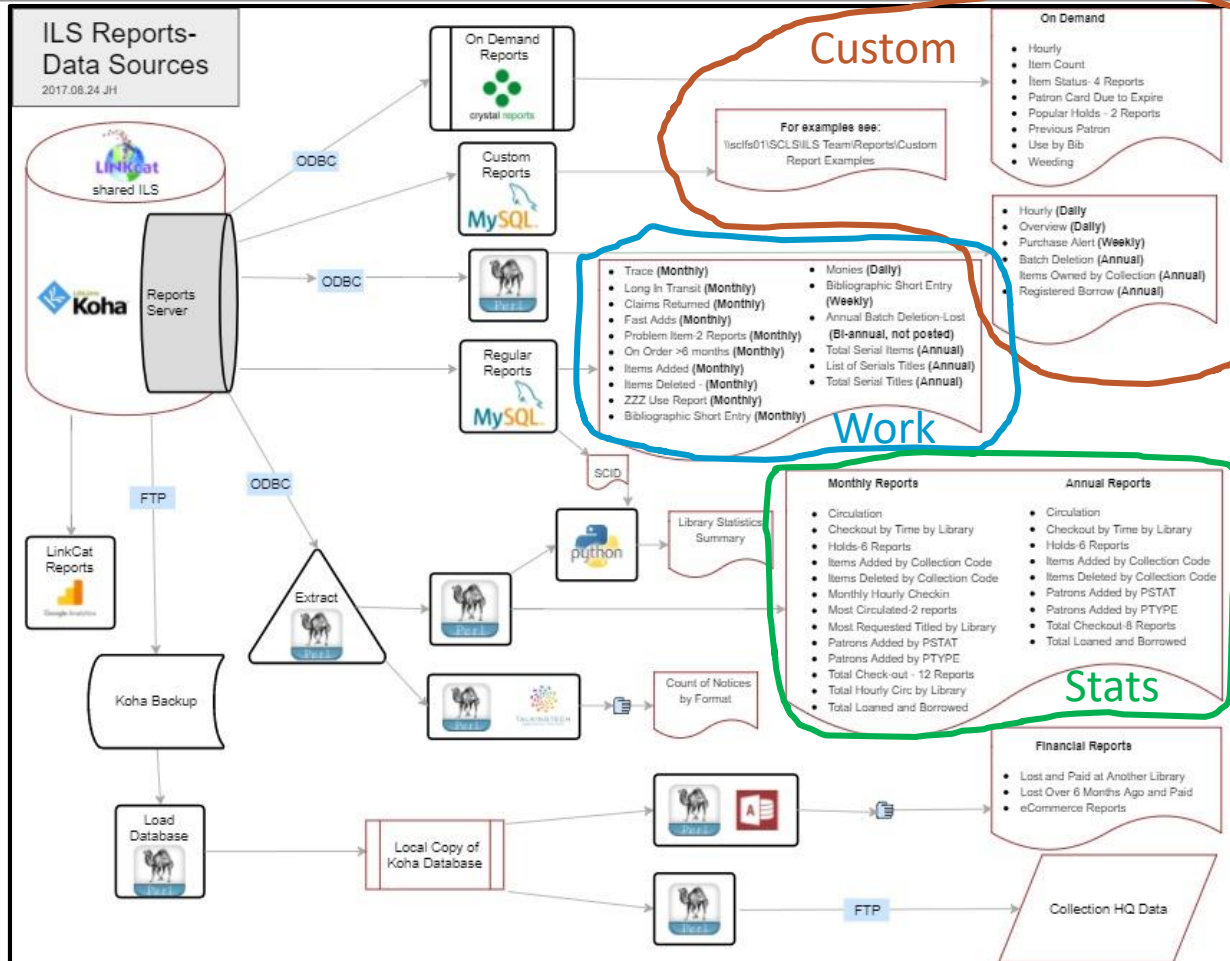


Delivery Statistics



Spaces

ILS Data



Survey Data



Please take a few minutes for this brief survey and let us know if, as a result of participating in the Early Childhood Literacy program...

1. You learned something that you can share with your children

Strongly Disagree Disagree Neither Agree Strongly Agree N/A

2. You feel more confident to help your children learn

Strongly Disagree Disagree Neither Agree Strongly Agree N/A

3. You will spend more time interacting with your children (e.g., reading, talking, singing, writing, playing)

Strongly Disagree Disagree Neither Agree Strongly Agree N/A

4. You are more aware of applicable resources and services provided by the library

Strongly Disagree Disagree Neither Agree Strongly Agree N/A

5. What did you like most about the program?

6. What could the library do to improve your children's enjoyment of reading?



Plano Public Library System
Survey Results and Community Implications

Report Information

Topic: Early Childhood Literacy
Programs: See full list on page 2
Date Range: None

Overview

Wherever public libraries are working, possibility lives. People who work in public libraries know that library services open new opportunities for anyone who enters – putting people on the path to literacy, technological know-how, or a better job. Libraries see evidence of this every day – what they are often missing is the data to support it. Measuring outcome data helps libraries demonstrate the good they are doing and the value their impact is having in the community. For example, the Project Outcome: Year in Review 2016 Annual Report sites that nearly 80% of library users surveyed report that library programs and services have had some kind of positive impact on their lives in the last year, with a majority of patrons reporting that the educational aspect of these programs and services is what they like most. And these patron benefits are in high demand. Patrons most commonly suggested improvement for the library is new, more, or more frequent classes and programs.¹

Plano Public Library System Survey Work

Plano Public Library System staff distributed surveys to program participants to collect data and insights about how their early childhood literacy services and programs are supporting community needs. Plano Public Library System surveyed patrons using the Project Outcome Early Childhood Literacy Survey, which measures the impact of services designed to improve early literacy and learning skills to prepare children ages 0-5 to succeed in school. A total of 904 survey responses were collected.

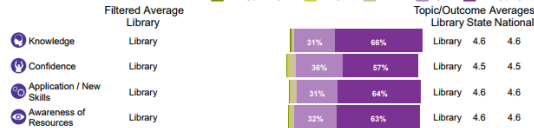
Results

A total of 904 survey responses were collected. Of the percentage of parents or caregivers surveyed who either agreed or strongly agreed that they benefited from the service or program:



The full results of the survey(s) are shown below.

AVERAGES: Ranges from 1.0-5.0 SCORING: ■ Strongly Disagree ■ Disagree ■ Neither ■ Agree ■ Strongly Agree



project **OUTCOME** MEASURING THE TRUE IMPACT OF PUBLIC LIBRARIES Welcome Account

Resources | Survey Management |

Dashboard Home Build Report **Overview** Matrix Detail Map Library Info

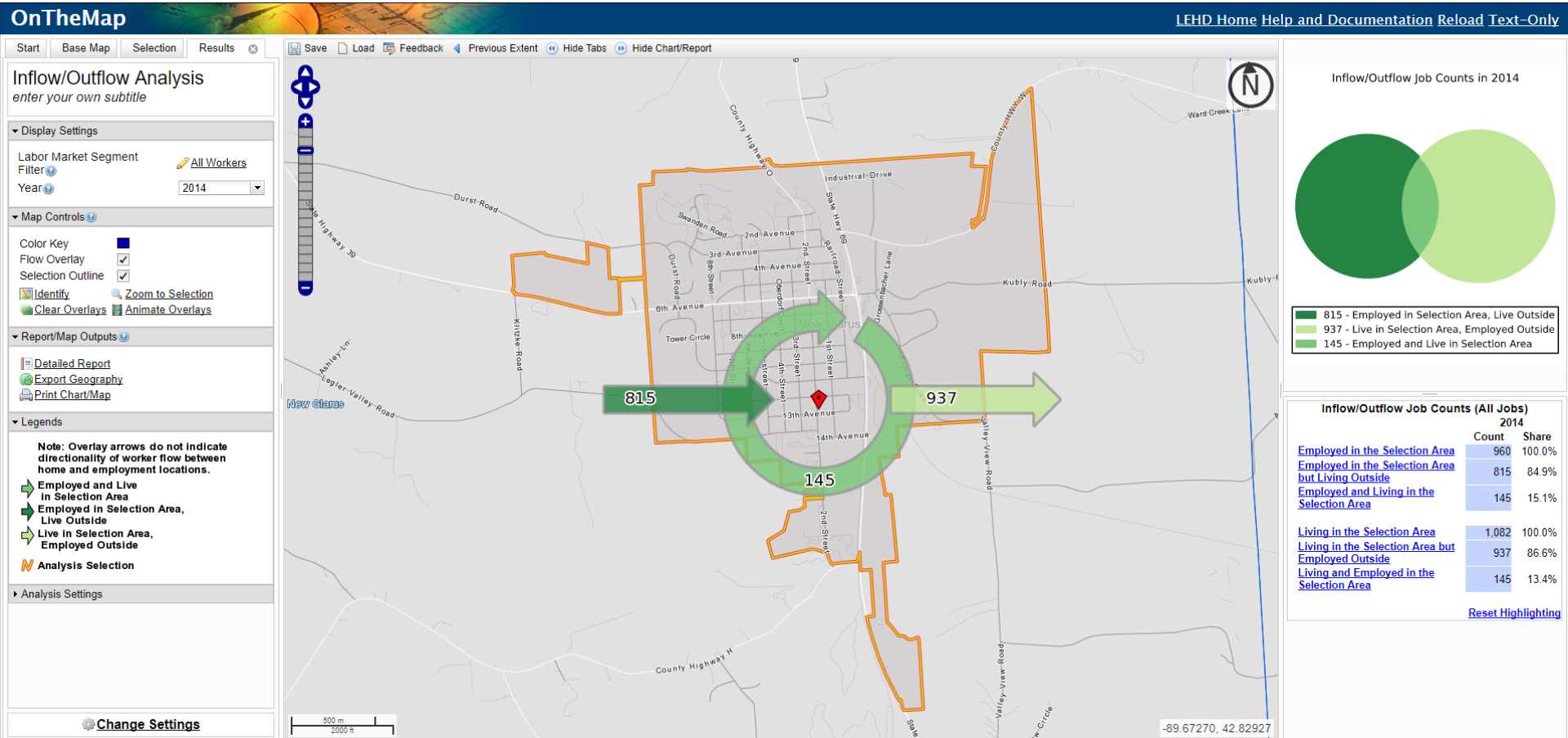
Plano Public Library System

IMMEDIATE SURVEY FOLLOW UP SURVEY Scoring 1.0 5.0

Average Score is calculated by assigning a 1-5 value to each Likert Scale answer (Strongly Disagree to Strongly Agree). Aggregated responses are then averaged by weighting to those categories to come up with an aggregate score for each question, which can also be aggregated further to larger groups of libraries.

TOPIC	OUTCOME
<p> 4.6 Total Survey Responses for System: 88 State Average: 4.5 National Average: 4.5</p>	<p> 4.6 Total Responses for System: 1,969 State Average: 4.5 National Average: 4.5</p>
<p> 4.5 Total Survey Responses for System: 904 State Average: 4.6 National Average: 4.6</p>	<p> 4.4 Total Responses for System: 1,951 State Average: 4.4 National Average: 4.3</p>
<p> 4.5 Total Survey Responses for System: 862 State Average: 4.4 National Average: 4.5</p>	<p> 4.5 Total Responses for System: 1,944 State Average: 4.5 National Average: 4.4</p>
<p> 4.6 Total Survey Responses for System: 42 State Average: 4.6 National Average: 4.5</p>	<p> 4.5 Total Responses for System: 1,955 State Average: 4.5 National Average: 4.4</p>
<p> 4.2 Total Survey Responses for System: 63 State Average: 4.2 National Average: 4.2</p>	
<p> 4.4 Total Survey Responses for System: 34 State Average: 4.5 National Average: 4.2</p>	

Demographic Data



DataSet Handout



South Central Library System
Helping Libraries Serve the Public

Free DATASETS
For WI Public Libraries

American FactFinder: factfinder.census.gov
Includes population, age, business and industry, education, governments, housing, income, origins and language, poverty, race and Hispanic origin, and veteran data.

Census Bureau TIGER/Line Shapefiles: census.gov/cgi-bin/geo/shapefiles/index.php
Shapefiles for U.S. census tracts, voting wards, county subdivisions, school districts, and more.

Census Bureau Data Tools and Apps: census.gov/data/data-tools.html
A list of powerful analysis tools such as OnTheMap, QWI Explorer, and Census Geocoder.

County Health Rankings: countyhealthrankings.org/app/wisconsin/2017/downloads
Vital health factor and outcome measures.

FoodShare Wisconsin Data: dhs.wisconsin.gov/foodshare/rsdata.htm
Monthly case counts, recipients, and benefits by county and state.

GetFacts: getfacts.wisc.edu
Census and American Community Survey (ACS) data by state, county, or county subdivision.

Global Libraries Data Atlas: glatlas.org
Data visualization portal for tracking performance and impact metrics of international libraries.

Home Based Private Education-Statistics: dpi.wi.gov/sms/home-based/statistics
Enrollment of WI home schooled students by CESA, grade, district, and county.

Homeless Student Enrollment by Public School District: dpi.wi.gov/homeless/data
Enrollment of homeless students by WI school district.

Impact Survey results: impactsurvey.org
Library patron technology survey results.

Kids Count Data Center: datacenter.kidscount.org/data#WI
Data and trend analysis that tracks the well-being of children in the United States.


Madison Neighborhood Indicators: madison.apl.wisc.edu/profile.php
Madison demographic, housing, public safety, health, economic vitality, and transportation indicators.

Open Enrollment Data and Reports: dpi.wi.gov/open-enrollment/data
Open enrollment data on pupil and aid transfer in and out of each WI school district.

Pew Research Center Datasets: pewinternet.org/datasets
Raw data from Pew Research.

Project Outcome: projectoutcome.org
Outcome data from library surveys throughout the United States.

09/06.2017 <https://goo.gl/55RLkS> 1



South Central Library System
Helping Libraries Serve the Public

Free DATASETS
For WI Public Libraries

Public Library Survey: imls.gov/research-evaluation/data-collection/public-libraries-survey/explore-pls-data
Annual survey results since 1988 on the state of public libraries in the United States.

USDA National Agricultural Statics Service (Wisconsin): nass.usda.gov/Statistics_by_State/Wisconsin
Agricultural statistics that includes a **Quick Stats** searchable database that can be limited by geographic areas.

WI Department of Administration (DOA) Demographic Services Center: doa.state.wi.us/Divisions/Intergovernmental-Relations/Demographic-Services-Center
Population estimates and projections for all Wisconsin towns, villages and cities.

WI Department of Health Services Data & Statistics: dhs.wisconsin.gov/stats/index.htm
Vital WI health statistics by topic.

WI Food Security Project: foodsecurity.wisc.edu
Data and charts about the food security infrastructure in Wisconsin.

WI Geospatial Data: sco.wisc.edu/find-data.html
A list of resources for downloading commonly-requested WI geospatial datasets including boundary maps.

WI Information System for Education WISEdash: wisedash.dpi.wi.gov/Dashboard/portalHome.jsp
Multi-year education data about Wisconsin schools.

WI Information System for Education WISEdash data resources: dpi.wi.gov/wisedash/help/data-resources
Data sources about students, schools (staff, programs, finance), performance reports, and types of schools.

WI Public Library Service Data: dpi.wi.gov/plid/data-reports/service-data
Annual public library statistics at the state, county, system, and library levels.

WI School District Performance Report (SDPR): apps2.dpi.wi.gov/sdpr/spr-action
Annual school report with multiple indicators and comparisons to districts in the same athletic conferences.

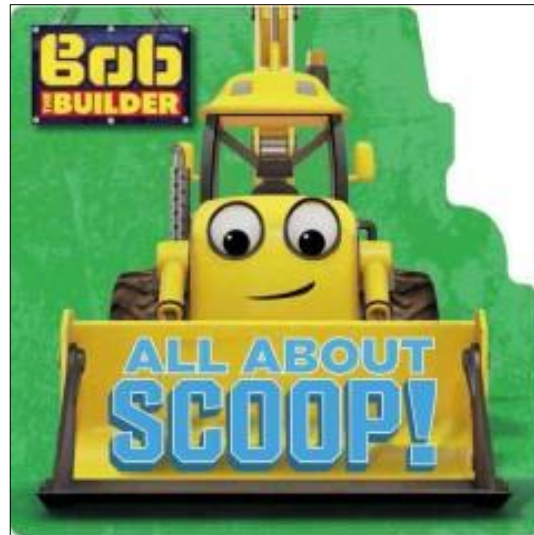
WI School Nutrition Program Statistics: dpi.wi.gov/school-nutrition/program-statistics
Participation in nutritional programs including Wisconsin school free/reduced eligibility data.

WI State Legislature Open GIS Data: data-itsb.opendata.arcgis.com
Open GIS datasets including WI legislative district collections and election data.

WI WORKnet Data Table Menu: worknet.wisconsin.gov/worknet/datablelist.aspx?menuselection=da
WI economic data on employment and unemployment, wages, occupations and industries.

09/06.2017 <https://goo.gl/55RLkS> 2

2. There are powerful (& fun) tools!



Data Visualization Tools

Forbes

July 20, 2017

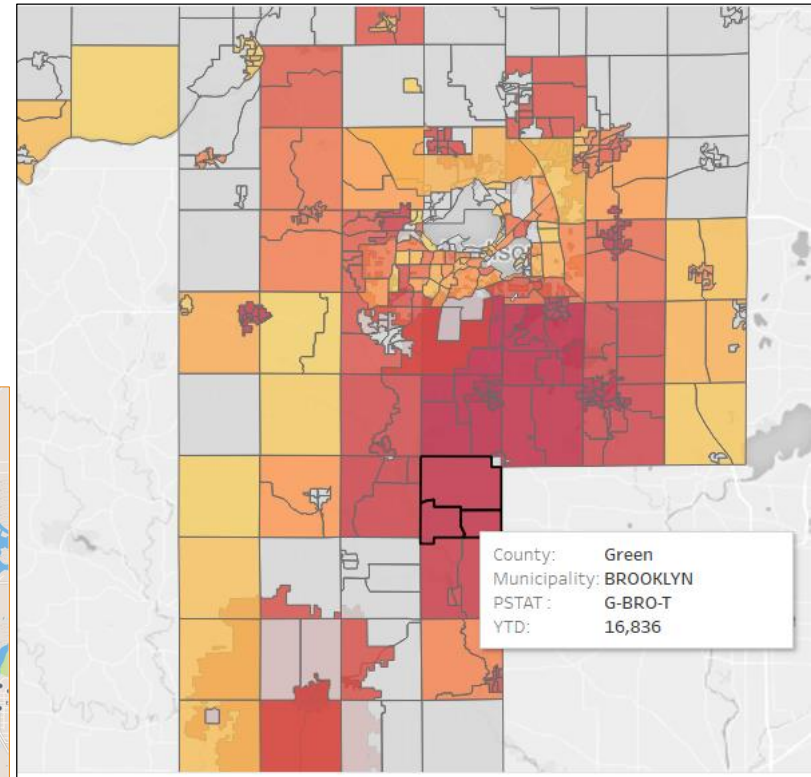
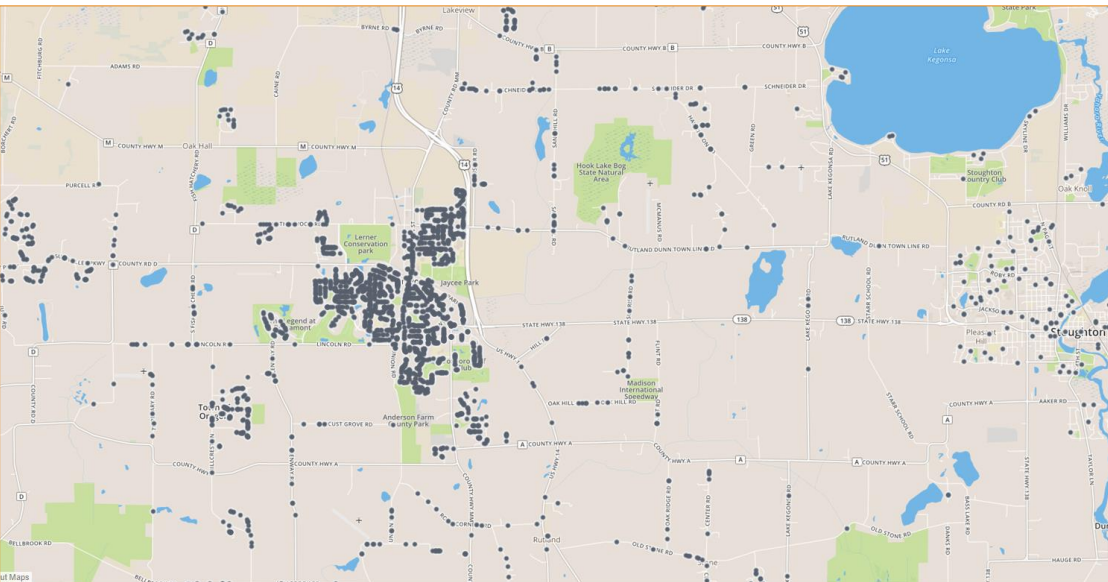
The 7 Best Data Visualization Tools in 2017



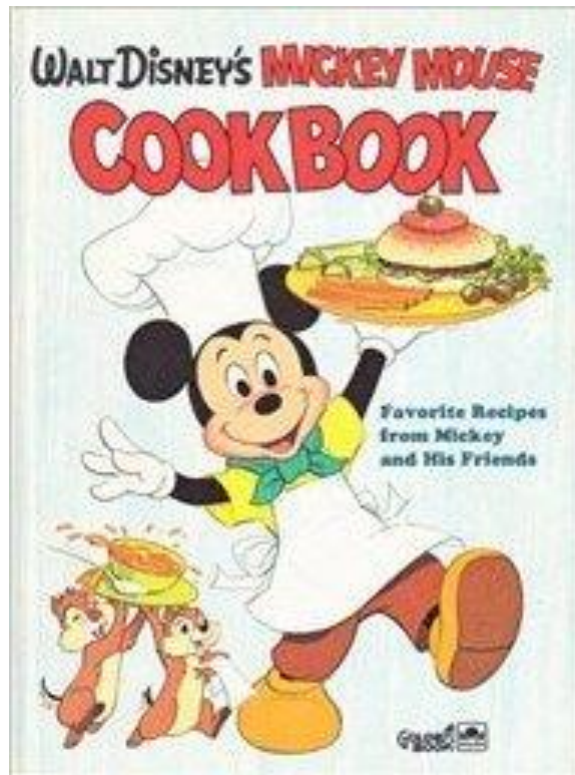
Other Tools



Where do patrons live who checked out books in 2016 at the Oregon Public Library?





3. There are cookbook style resources!



Experts

tableau public GALLERY AUTHORS BLOG RESOURCES ACTIVITY 11




 South Central Library System (SCLS) View profile as Me Others




 Edit




South Central Library System (SCLS) | Madison, Wisconsin, United States | scls.info


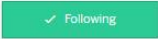

5 vizzes 5 followers 22 following

Vizzes 5 Followers 5 **Following 22**

 LibraryViz@OSU 
 LibAnswers2009-
154 views | Sep 6, 2017

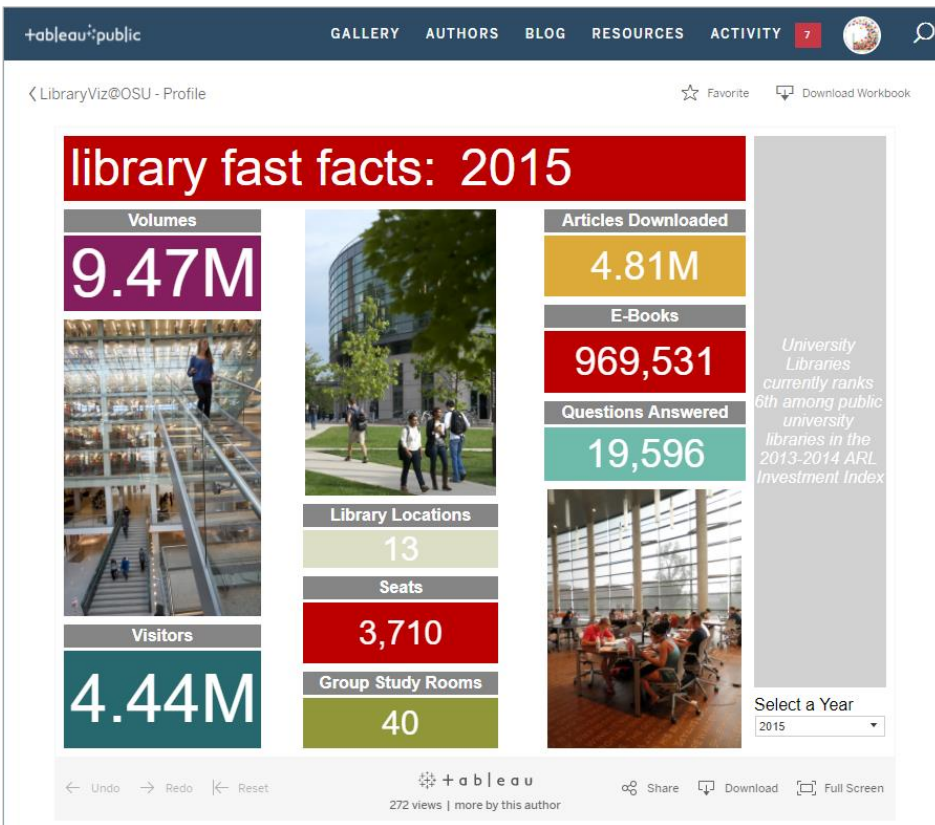
 Bethany Lyons 
London, UK  Bristol and Bath Property Analysis
66 views | Jun 23, 2017

 Filippo Mastroianni 
Milan, Milano, Italy  Millions of UK workers at risk of being replaced by robots
15504 views | Sep 7, 2017

 Pablo Gomez 
London, United Kingdom  Player Arrests in the National Football League Since 2000
104 views | Aug 29, 2017

<https://public.tableau.com/profile/scls>

Shared (Recipes) Workbooks



<https://goo.gl/Vvoz3e>

<https://goo.gl/4mWgZA>

Blogs, Videos, & Online Help

Makeover Monday
Social data projects

Tableau Tip Tuesday
How To videos

Workout Wednesday
Weekly viz challenge

Data Viz Done Right
Best practices on web

VizWiz
Data Viz Done Right

MY PORTFOLIO MAKEOVER MONDAY TABLEAU TIP TUESDAY WORKOUT WEDNESDAY DATA VIZ DONE RIGHT BLOG ROLL ABOUT ME

Tableau Tips

- Which stocks are trading the most?
 - Region: Delivery Truck
 - Central: 88,035
 - East: 77,136
 - South: 34,355
 - West: 68,536
- KPIs & Sparklines
- Conditional Axis Formatting
- Self Data Blending
- One Metric, Two Number Formats
- Sales Dashboard
- Creating Lollipop Charts
- One Parameter, Unlimited Number Formats
- Using a Set for a Relative Date Filter
- Display the Total on Top of Stacked Bars (without Using the Secondary Axis)
- Creating Lollipop Charts
- Reference Line and Header Labeling
- Creating Bar in Ba in Tableau
- Creating Conne Scatter Plots in T
- Moving Referenc to the Back in T

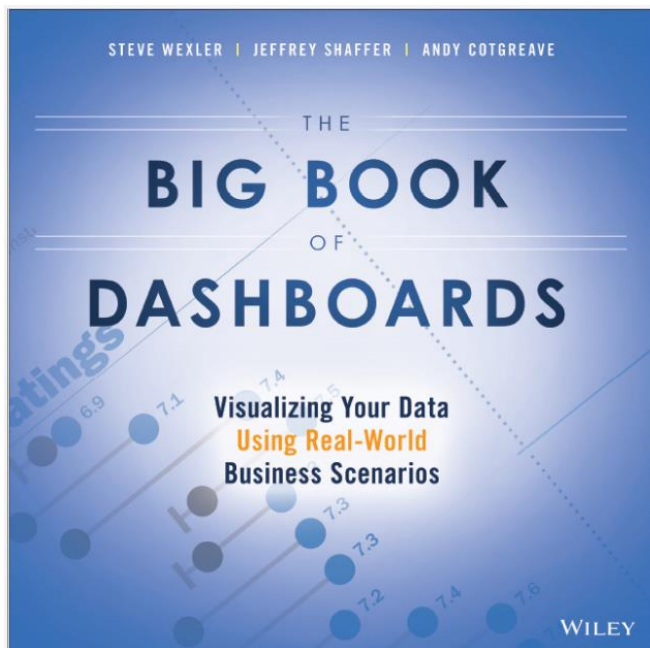
ABOUT ME

Andy Kriebel
Head Coach at The Information Lab
Tableau Zen Master
Tableau Certified Trainer
Data Viz Guru
Story Teller
Data Rockstar

User Groups



Books



HOME WORKSHOPS **DASHBOARDS** AUTHORS PRESS & MEDIA ORDER

Dashboards

click image below to download dashboard files

We are pleased to make many of the dashboards featured in *The Big Book of Dashboards* available as Tableau packaged workbooks. We also hope to make these dashboards available in other formats.

Chapter 2
Course Metrics (Tableau)

Chapter 2
Course Metrics (Excel)

Chapter 2
Course Metrics (Data)

Chapter 3

Chapter 4

Chapter 5

Tableau Resources



Getting Started For Free

1. **Download Tableau Public Desktop:** <https://public.tableau.com/en-us/s/download>. Did I mention this is FREE!
2. **Locate a Dataset.** For starters, use a report in Excel, CSV, or Google Sheets. Tableau lets you combine datasets.
3. **Create a Tableau Public Profile:** <https://public.tableau.com/en-us/s/signup>. This is where you will save and share your work.

Learn from the Experts

In Tableau Public you can follow authors, download (and save) their workbooks, and use them to re-engineer something similar. The South Central Library System (SCLS) Tableau Public [profile](https://public.tableau.com/profile/scls) currently follows:

- Tableau Zen Masters <https://www.tableau.com/ZenMasters>
- Tableau Ambassadors <https://www.tableau.com/tableau-ambassadors>
- Tableau Public Gallery Authors <https://public.tableau.com/en-us/s/gallery>
- Other Library Related Profiles

Tableau Training Materials

- Tableau Training Videos: <https://www.tableau.com/learn/training>
- Tableau Public Videos: <https://public.tableau.com/en-us/s/resources>
- Online Help: <http://onlinehelpa.tableau.com/y1R.3/pro/desktop/en-us/help.htm>
- Visual Analysis Best Practices: A Guidebook <https://www.tableau.com/learn/whitepapers/tableau-visual-guidebook>

Tableau Conference 2016 Youtube Videos: <https://youtu.be/CRFlyNk147k>

- Tableau Tips for Beginners: <https://youtu.be/FDCd44U7JVY>
- How to Excel with Tableau: <https://youtu.be/9R1bbwedrl>
- 50 tips in 50 Minutes: <https://youtu.be/0hj8CO-RQ5s>
- Understanding Continuous Dimensions and Discrete Measures: <https://youtu.be/113JaAQBeY4>
- How to Map Anything in Tableau: <https://youtu.be/akzBkws80Y>
- Intersecting Interactivity: The official guide to Legends, Filters, Highlighters, Parameters, & Actions: <https://youtu.be/HWZDAGEKQGU>

YouTube Channels

- Andy Kriebel: https://www.youtube.com/channel/UCTX7UppASrldmX5_CpG3CA
- The Information Lab: <https://www.youtube.com/user/theinformationlab/videos>



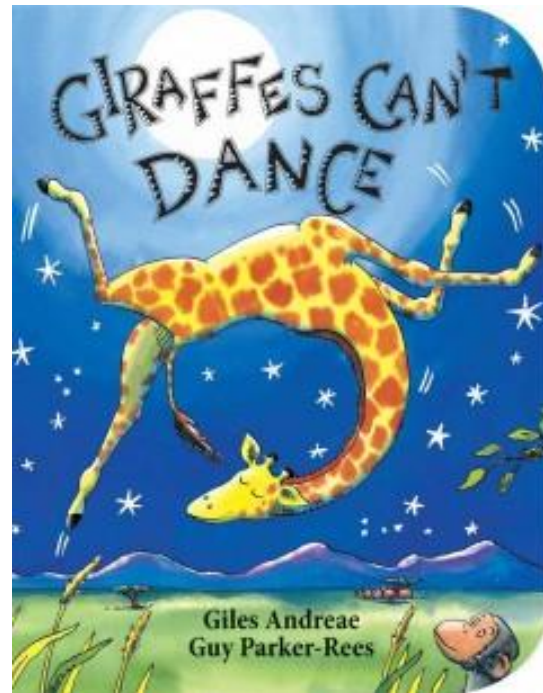
Blog Posts

- Datablick: <http://www.datablick.com/>
- Data Revelations: Turning Information into Insight <http://www.datarevelations.com>
- Drawing with Numbers: <http://drawingwithnumbers.artisart.org>
- ViCandy: <http://www.vicandy.ca/>
- ViPainter: Tableau Tips and Tricks, **Story Telling**, Beautiful Data Visualizations <https://viPainter.com>
- ViWiz Data: Viz Done Right: vizwiz.com <http://www.vizwiz.com/>

Books (Many more!)

1. Few, S. (2013). *Information dashboard design: Displaying data for at-a-glance monitoring*. Burlingame, CA: Analytics Press.
2. Knaflic, C. N. (2015). *Storytelling with data: A data visualization guide for business professionals*. Hoboken: Wiley.
3. Sleeper, Ryan. (2017). *Practical Tableau: 100 Tips, Tutorials, and Strategies from a Tableau Zen Master*. O'Reilly & Associates Inc.
4. Tuftte, E. R. (2015). *The visual display of quantitative information*. Graphic Press: Cheshire, Connecticut.
5. Wexler, S., Shaffer, J., & Cotgreave, A. (2017). *The big book of dashboards: Visualizing your data using real-world business scenarios*.
6. Wang, D. M. (2014). *The Wall Street journal guide to information graphics*. New York [u.a.]: Norton.

4. Smooth moves **can** combine data!



Data Connections

The screenshot shows the Tableau Desktop interface with the 'Connect' pane open. The pane is divided into three main sections: 'To a File', 'To a Server', and 'Saved Data Sources'. The 'To a File' section includes options like Excel, Text file, Access, JSON file, PDF file, Spatial file, and Statistical file. The 'To a Server' section includes Tableau Server, Oracle, Amazon Redshift, MySQL, Google Sheets, and a 'More...' button. The 'Saved Data Sources' section includes Sample - Superstore and World Indicators. A search bar is located at the top of the main pane. Below the search bar, a list of data sources is displayed in a grid. An orange arrow points to the 'MySQL' option in the 'To a Server' section. Another orange arrow points to the 'Other Databases (ODBC)' option at the bottom right of the data source list.

Tableau - Book1

File Data Server Help

Connect

To a File

- ★ Excel
- ★ Text file
- Access
- ★ JSON file
- ★ PDF file
- ★ Spatial file
- Statistical file
- More...

To a Server

- Tableau Server
- Oracle
- Amazon Redshift
- MySQL
- ★ Google Sheets
- More... >

Saved Data Sources

- Sample - Superstore
- World Indicators

Search

Tableau Server	HP Vertica	PostgreSQL
Actian Matrix	IBM BigInsights	Presto
Actian Vector	IBM DB2	Progress OpenEdge
Amazon Athena	IBM PDA (Netezza)	QuickBooks Online
Amazon Aurora	Kognitio	Salesforce
Amazon EMR	MapR Hadoop Hive	SAP HANA
Amazon Redshift	Marketo	SAP NetWeaver Business Warehouse
Anaplan	MarkLogic	SAP Sybase ASE
Apache Drill	MemSQL	SAP Sybase IQ
Aster Database	Microsoft Analysis Services	ServiceNow ITSM
Cisco Information Server	Microsoft PowerPivot	SharePoint Lists
Cloudera Hadoop	Microsoft SQL Server	Snowflake
DataStax Enterprise	MonetDB	Spark SQL
Dropbox	MongoDB BI Connector	Splunk
EXASOL	MySQL	Teradata
Firebird	OData	Teradata OLAP Connector
Google Analytics	OneDrive	Web Data Connector
Google BigQuery	Oracle	
Google Cloud SQL	Oracle Eloqua	Other Databases (ODBC)
Google Sheets	Oracle Essbase	
Hortonworks Hadoop Hive	Pivotal Greenplum Database	

Joins, Unions, etc.

Tableau - 2017.09.01 Annual Library Report Per Capita Comparison 2009-2015

File Data Server Window Help

2009 WI PL data++ (Multiple Connections)

Connection: Live Extract | Edit Refresh 1 | Edit
Extract includes all data. 6/13/2017 1:12:40 PM

Connections: Add

- 2017.05.09-09...eanpublib -WI Excel
- 2017.05.26 G... No Branches Google Sheets

Sheets: Use Data Interpreter
Data Interpreter might be able to clean your Excel workbook.

- 2009 WI PL data
- 2010 WI PL Data
- 2011 WI PL data
- 2012 WI PL data
- 2013 WI PL Data
- 2014 WI PL Data
- 2015 WI PL Data
- 2009 WI PL dat...gs_and_service
- 2010 WI PL Dat...gs_and_service
- 2011 WI PL dat...gs_and_service
- New Union

2009 WI PL data+ | GeocodeResults - NonLinkd...

Join dialog:

Inner Left Right Full Outer

Data Source: Public Library = GeocodeResults - NonLin... Library

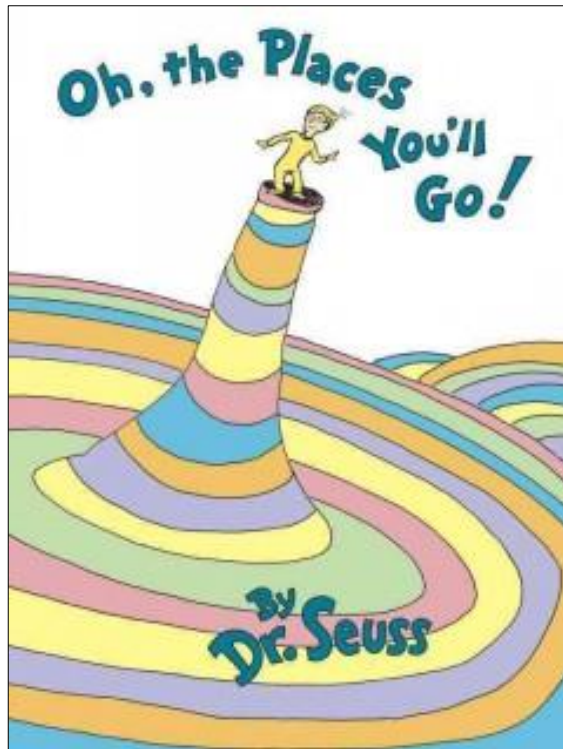
Sort: Add new join clause

Show aliases Show hidden fields 2,691 rows

Year	Public Library	Municipality	County	Public Library Syst...	Population - Resid...	Population - Additi...	Population - Exten...	Service
1/1/2011	Elroy Public Library	Elroy	Juneau	Winding Rivers Librar...	1,431	1,113	2,544	
1/1/2012	Elroy Public Library	Elroy	Juneau	Winding Rivers Librar...	1,426	1,208	2,634	
1/1/2013	Elroy Public Library	Elroy	Juneau	Winding Rivers Librar...	1,416	856	2,272	
1/1/2014	Elroy Public Library	Elroy	Juneau	Winding Rivers Librar...	1,409	840	2,249	
1/1/2015	Elroy Public Library	Elroy	Juneau	Winding Rivers Librar...	1,399	722	2,121	
1/1/2009	Endeavor Public Library	Endeavor	Marquette	Winnefox Library Sys...	456	670	1,126	
1/1/2010	Endeavor Public Library	Endeavor	Marquette	Winnefox Library Sys...	453	744	1,197	
1/1/2011	Endeavor Public Library	Endeavor	Marquette	Winnefox Library Sys...	467	483	950	
1/1/2012	Endeavor Public Library	Endeavor	Marquette	Winnefox Library Sys...	465	434	899	

Data Source | Map | County | Sheet 4 | Rank | Per Capita Comparison Dash... |

5. Your mountain is waiting!



You're off to **Great Places!**
Today is your day!
Your mountain is waiting,
So... get on your way!"

Story Questions



Access Services

Who is borrowing materials from the library?

What is being borrowed/used?

Where do our patrons who borrow materials live?

What format (ex. electronic) do our patrons prefer?

When do patrons borrow the most materials?



Resources & Materials

How much of the collection in the library is being used? (turnover rate)

Where are materials for library patrons being borrowed from and loaned to?

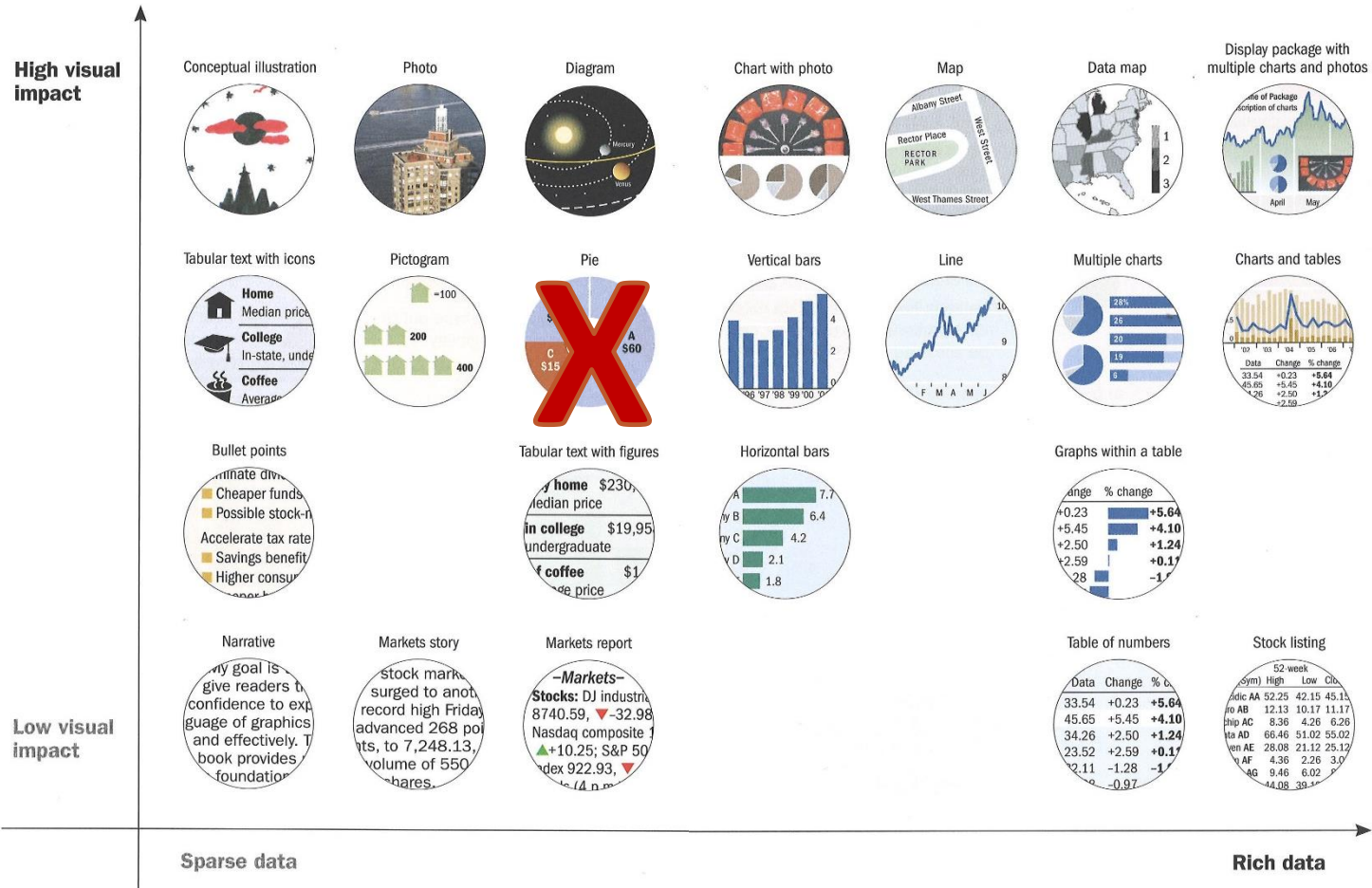
What type of language materials are available?

What has been recently added?

What electronic resources provide the best value?

The Visual–Data Continuum

from the Wall Street Journal Guide to Information Graphics by Dona M Wong



Design Tips

Pick the right chart

Use color wisely

Don't be afraid of math

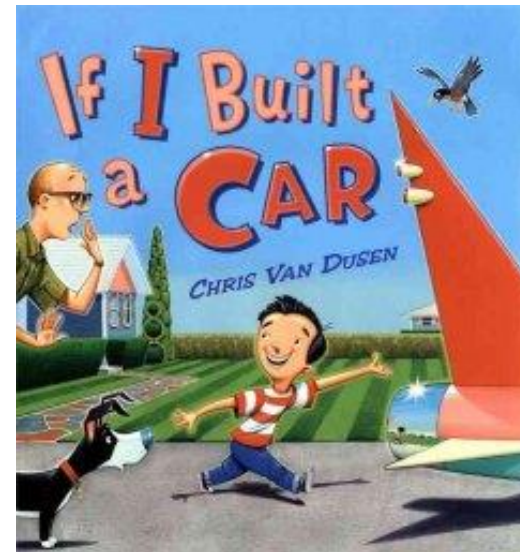
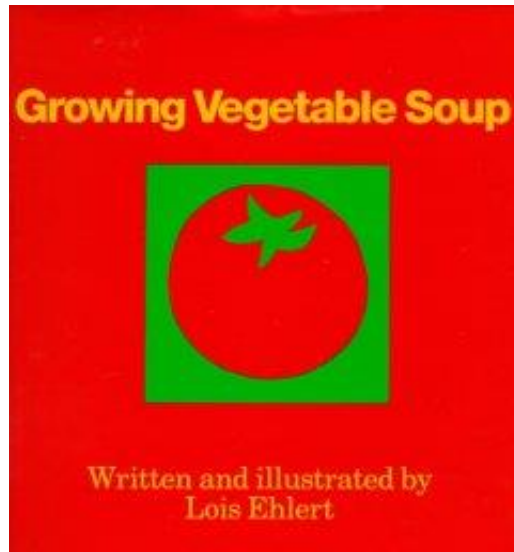
Visualize time

Provide exploration/clarity

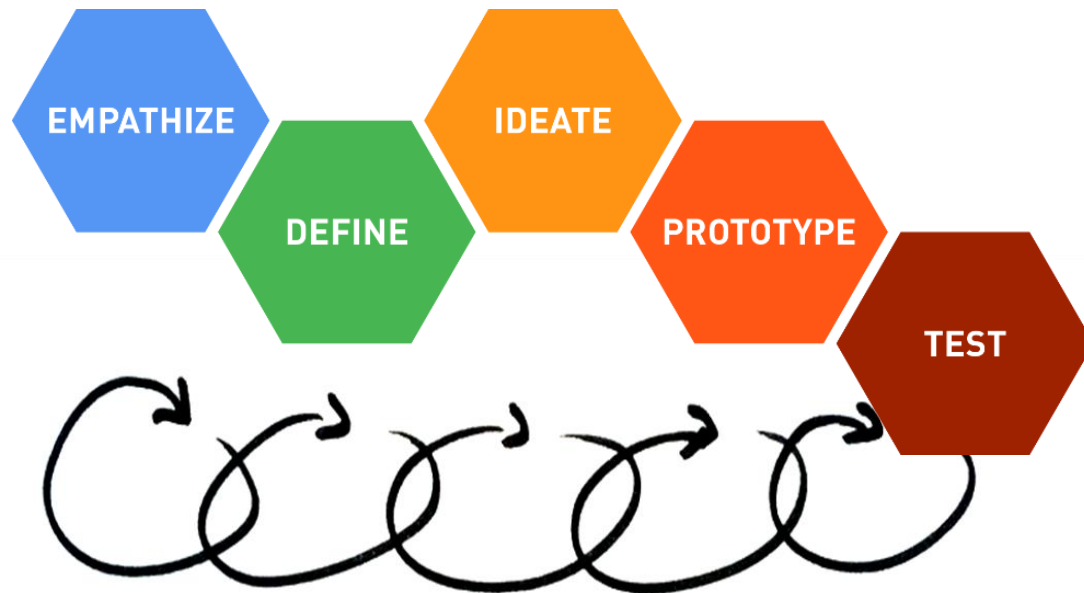
Create a focal point

Mix it up with shapes & images

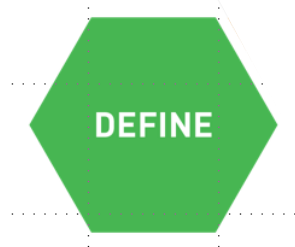
6. Good DESIGN is a process!



Design Process



Design Requirements



- 25% - Overall Appeal
- 25% - Design Elements
- 50% - Data Analysis/Findings

MADISON TUG TOP VIZ COMPETITION

“Our Top Viz Competition is much like Iron Viz which you may have seen at a Tableau Conference. Contestant teams are given a data set about a week in advance. The day of the competition, they need to start from scratch with that data. They have 30 minutes to build their data visualizations that they will then two minutes to present to the judges.”

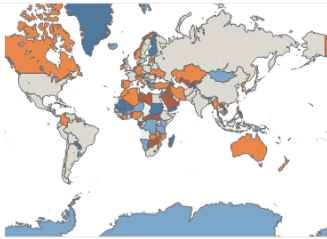
DATASET: From Kickstarter

History of Kickstarter Success

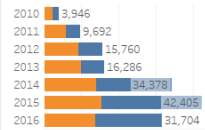
KICKSTARTER

Success - Category and Country

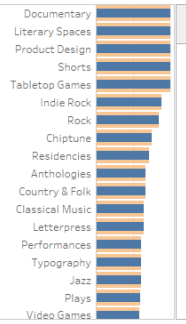
Country Success Rate



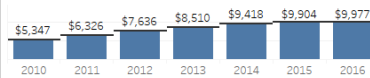
Projects



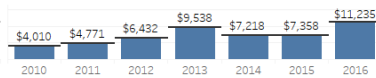
Category



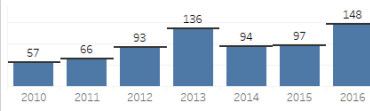
Average USD Goal Trend



Average USD Pledge Trend



Average Backers Trend

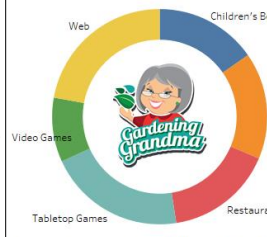


Average Pledge per Backer Trend



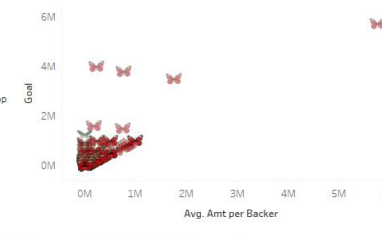
Kickstart Grandma

Best Bet Category



Avg. Goal: 35,151
 Avg. Backers: 380.8
 Success Rate: 42%

Money Matters



Winning Words



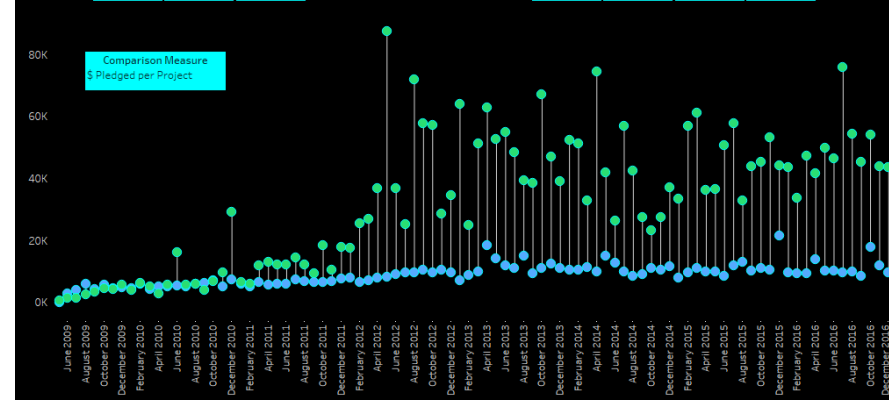
KICKSTARTER REWARDS

- \$5 I CAN HELP!**
 - Exclusive Backer Update
 - Special Thanks on Website
- \$10 THANK YOU!**
 - Everything in the \$5 package plus...
 - Thank You Tweet from @ReadingRainbow
 - Exclusive Digital Wallpaper
- \$75 PICK TWO!**
 - Everything in the \$10 package plus...
 - PICK TWO of the following exclusives: T-SHIRT or TOTE BAG or MUG
- \$200 IT'S IN A SIGNED BOOK!**
 - Everything in the \$75 package plus...
 - LeVar will autograph your copy of his new book!

Start your Campaign!
KICKSTARTER

How has usage of KICKSTARTER changed by philanthropic versus goods projects over time?

Philanthropy				Goods			
Art	Film	Music	Theater	Comics	Design	Food	Publishing
Dance	Journalism	Photography		Crafts	Fashion	Games	Technology



Who should use Kickstarter?

Percent Success: 93.95%	% Success Staff Pick: 98.83%	Pledged Amount: \$79,303	# of Backers: 955.0	\$ per Backer: \$71
4.88% Increase	Staff Pick Increase	Pledged Amount Success: \$83,320	# of Backers Success: 999.1	

Success over Time

Goal vs Pledged

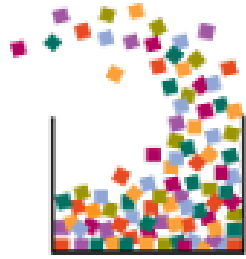
Pledge to Goal Margin

Rank of Categories with Success

Top Categories

Success by Location

Creator Experience



South Central Library System
Helping Libraries Serve the Public

Projects



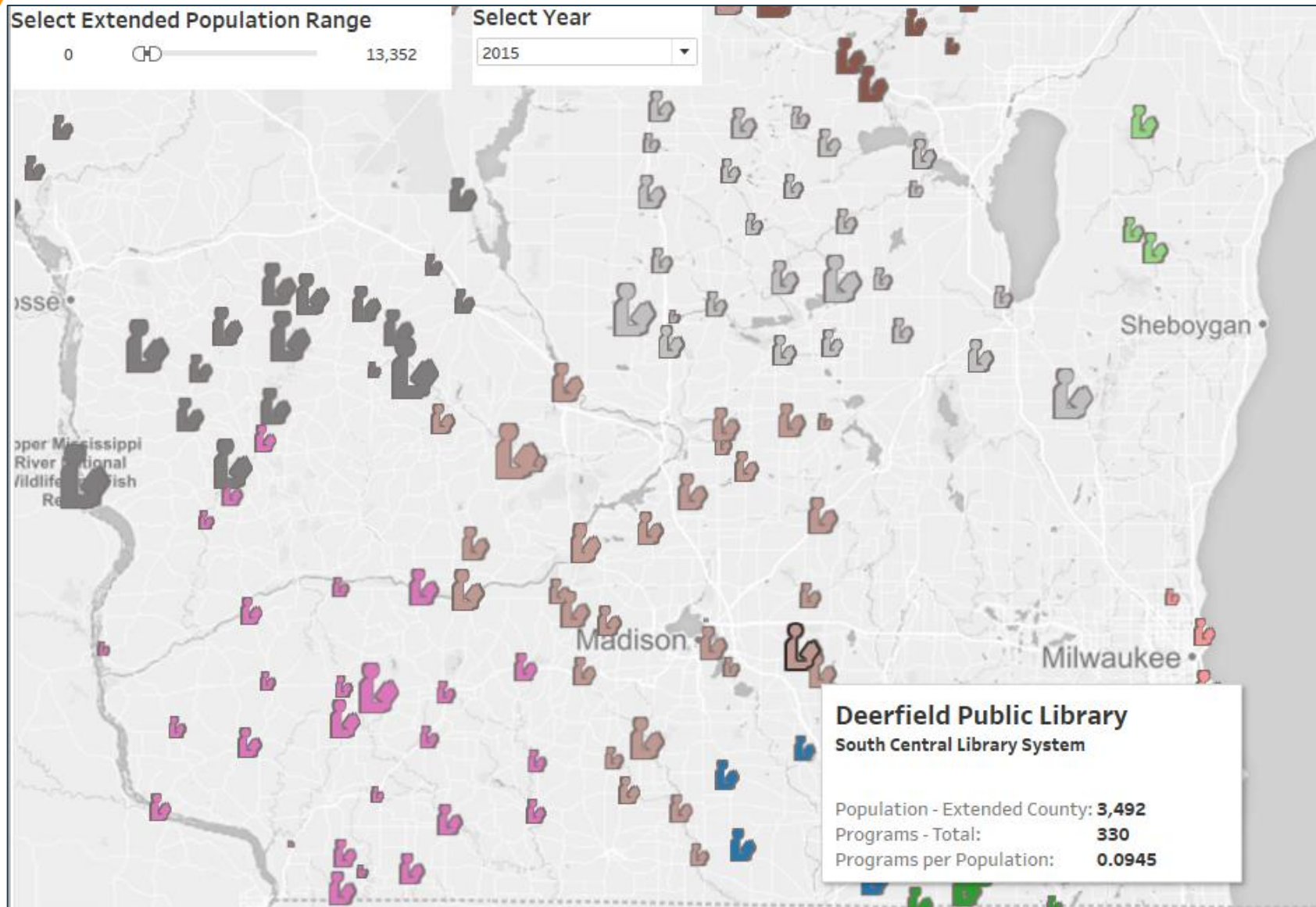
DEFINE

SCLS Dashboard Design Criteria

- Usable by all SCLS libraries
- Publically accessible via Tableau Public
- Easily updated when new data is available
- Leverages commercial software
- Implemented in phases
- Uses SCLS or library color schemes
- Visually appealing
- Accessible (tableau.com/about/blog/2017/2/create-accessible-vizzes-tableau-102-65614)

How does our programming compare?

IDEATE



PROTOTYPE

tableau public

GALLERY

AUTHORS

BLOG

RESOURCES

ACTIVITY



South Central Library System (SCLS)

Edit

View profile as **Me** Others

South Central Library System (SCLS) | Madison, Wisconsin, United States | scls.info

5 vizzes · 5 followers · 21 following

Vizzes 5

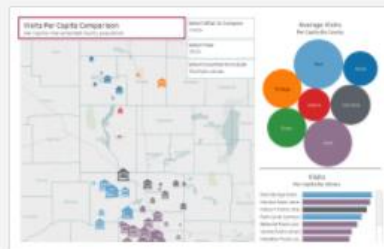
Followers 5

Following 21



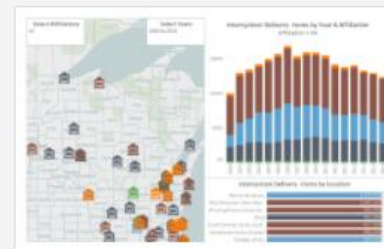
Portage County Library | Sweep 2017

52 views



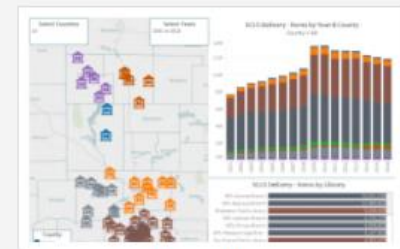
Annual Library Report Per Capita Comparison 2009-2015

124 views



Intersystem Delivery

82 views



SCLS Member Library Delivery

116 views ☆ 1



Annual Library Report Fast Facts 2009-2015

248 views



Data & Statistics


More data about SCLS member libraries is available at <https://public.tableau.com/profile/scls>.

Portage Public Library Fast Facts: 2015

Select a Public Library: Portage Public Library

Select a Year: 2015

Visits	
164,520	
Registered Borrowers	
10,121	
% of residents = 52	
Circulation - Total	
171,374	
% children's items = 26	
Downloads	
10,107	
% children's items = 3	



Materials Owned	
In-Library	Electronic
75,422	138,839
3,531	12,029
3,135	1,059

Programs - Total	
395	
Children's	235
Teens	64
All Ages	96

Programs - Attendance	
11,234	
Children's	9,510
Teens	721
All Ages	1,003

WiFi Session	
77,364	
Computer Use	
19,174	

← Undo → Redo ↶ Reset

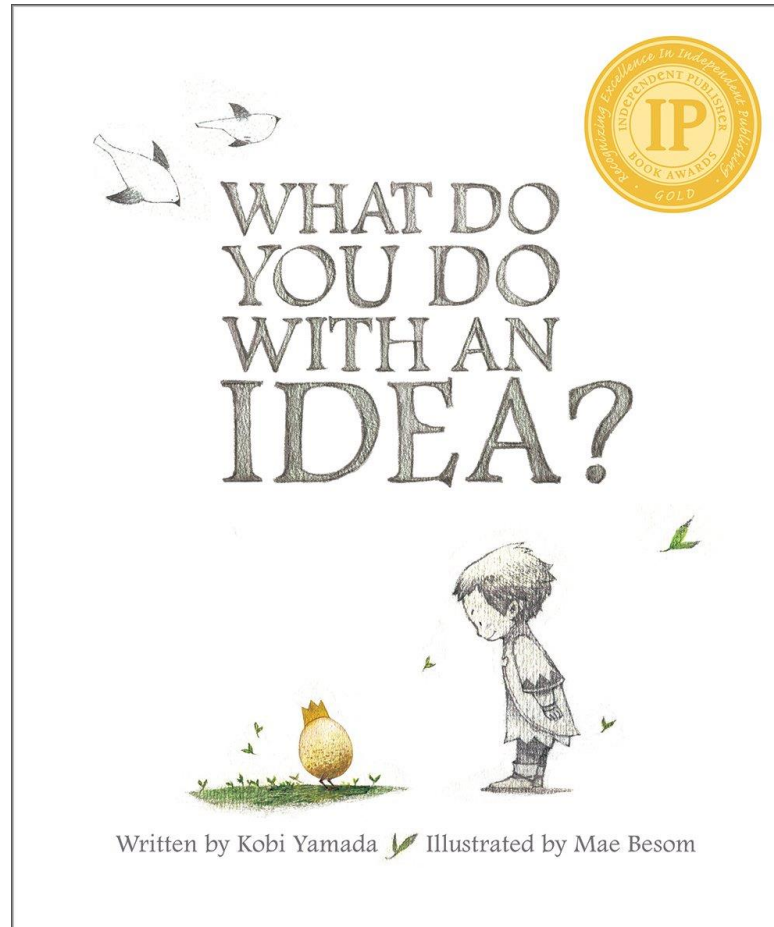
tableau 286 views | more by this author

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Member Resources & Services

For SCLS Public Libraries Only

- Building Services
- Collection Development
- Continuing Education
- Data & Statistics
- Delivery
- Graphic Services
- ILS Support
- Interlibrary Loan (ILL)
- Library Management
- Marketing & Public Relations
- Multitype Library Services
- Outreach Resources
- Program Equipment
- Reference
- Technology
- Youth Services



Ideas, Suggestions, Comments
ALWAYS WELCOMED!

Jhoesly@scls.info