

Learn more about Excel, Python, JavaScript:

Lynda.com – go to <https://skokieilibrary.info/resources/online-training-tutorials/> and click on Lynda.com. Create a free account with your library card number and a password of your choosing. Enter a search term in the search bar and find an interesting class.

Learn more about Excel:

Goodwill Free Learning – go to <https://www.gcflearnfree.org/topics/office2016/> and scroll to Excel 2016.

Books

Data At Work by Jorge Camoes, 2016, Newriders Accompanying website with data:
DataAtWorkbook.com

Statistical Analysis with Excel for Dummies, by Joseph Schmuller, PD, 2016, John Wiley and Sons

Websites

<https://public.tableau.com> Free version of Tableau. Open data and explore it with Tableau Desktop Public Edition. Drag & Drop. Create stunning visualizations with ease

<https://www.r-project.org/> R is a free software environment for statistical computing and graphics. It compiles and runs on a wide variety of UNIX platforms, Windows and MacOS.

<https://www.adobe.com/products/illustrator.html> Vector graphics software lets you create logos, icons, drawings, typography, and illustrations for print, web, video, and mobile. Patrons with a Skokie Library card can use the DML, which has full versions of Adobe CC, which includes Illustrator.

<https://www.python.org/> and <https://python-graph-gallery.com/all-charts/> - Python, along with Javascript and other programs, help create amazing internet carts.

<https://www.wordclouds.com/> to make a word cloud.

Best data for Science

census.gov/ US Census bureau

wonder.cdc.gov/ Center for Disease Control database

www.cdc.gov/nchs/nvss/mortality/gmwk23r.htm CDC mortality tables

ebird.org/science download bird sightings by area and by time.

www.officialcharts.com popular music tracker

www.imdb.com/chart/moviemeter most popular movies

trends.google.com/trends/?geo=US See what is trending on Google

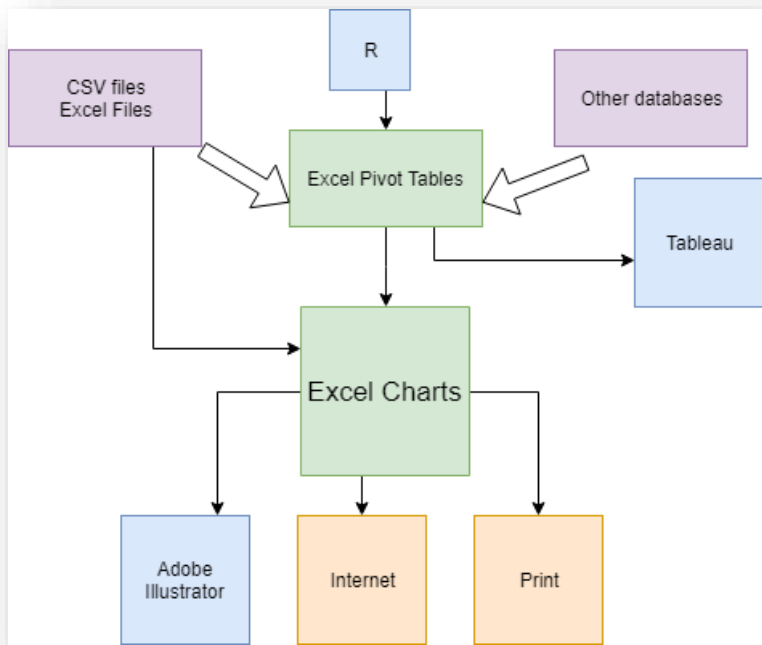
www.sports-reference.com/ for popular professional sports.



Best example charts for Science

<https://www.opportunityatlas.org/> - Which neighborhoods in America offer children the best chance at a better life than their parents? From the Hidden Brain podcast, <https://www.npr.org/2018/11/12/666993130/zipcode-destiny-the-persistent-power-of-place-and-education>

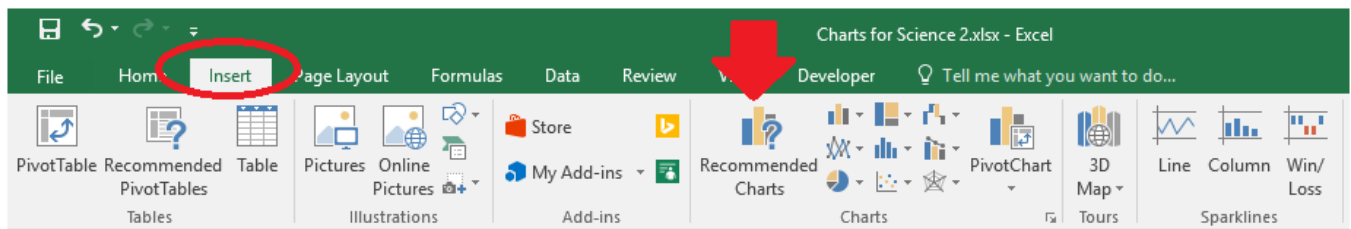
<https://atlas.media.mit.edu/en/> The Observatory of Economic Complexity



The Library has Office 2016 on all public computers – learn Excel here!

In the DML, there is Adobe CC, which contains Illustrator, and it is available for Skokie Library cardholders.

In the Computer Classroom, some of the PCs have Adobe Photoshop Elements, which can help turn simple charts into infographics.



To create an Excel chart:

1. Select the data
2. Go to the Insert Tab > Chart

