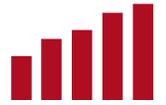# Recommended resources

To build your data visualization design skills

Visualizations bring data stories to life. By following data visualization best practices and using readily available tools, datasets can be transformed into actionable information in dashboards, charts, maps, and more.

If you want to…	Check out…
Be inspired by great data visualizations	Information is Beautiful	informationisbeautiful.net Flowing Data	flowingdata.com
Improve your presentation design	Web: AEA Potent Presentations Initiative	p2i.eval.org Rad Presenters Podcast	radpresenters.com Lea Pica	leapica.com Books: Slideology	Nancy Duarte Resonate	Nancy Duarte
Take an virtual course or workshop on data viz	DIYDataDesign Workshop	diydatadesign.com	Subscription or single workshop purchase options focused on building design skills for any level, with virtual, self-paced activities and weekly group hangouts TechChange Introduction to Excel for Data Visualization and Technology for Data Visualization courses (or search current offerings and prices at techchange.org/online-courses) Data Visualization for Development eLearning Course on the Global Health eLearning Center	tiny.cc/Ghdataviz	free and tailored for global health professionals eLearning platforms including Coursera, Lynda, and Udemy all have a number of data viz eLearning courses. Explore their catalogues for current offerings!
Read more about data visualization design	Blogs: Ann K. Emery	annkemery.com Alberto Cairo	thefunctionalart.com Chris Lysy	freshspectrum.com Cole Naussbaumer	storytellingwithdata.com Jon Schwabish	policyviz.com Stephanie Evergreen	stephanieevergreen.com Free Data+Design eBook	infoactive.co/data-design Data Viz 101 (focused on chart design best practices)	visage.co/content/data-visualization-101
Learn from chart redesigns	PolicyViz	policyviz.com/remakes Storytelling with Data	storytellingwithdata.com/gallery
Connect with colleagues on data viz resources	Data Viz for Development listserv	DataVizHub.co/join HelpMeViz to crowdsource data viz expertise AEA Data Visualization and Reporting Technical Interest Group http://comm.eval.org/datavisualizationandreporting/home

Recommended Resources Data Viz Tools & Tutorials

If you want to…	Check out…	So you can…
Figure out what chart type to use	Chart Chooser labs.juiceanalytics.com/chartchooser	Select the type of data story you want to show, and see what charts are best fit
	Graphic Continuum blog.visual.ly/graphic-continuum	See a visual layout of the different chart types useful for different relationships
Build a better chart in Excel	Decluttered Excel Templates from Storytelling with Data	Work from simple, decluttered templates, taking the guesswork out of Excel
	Excel Tutorials from Ann Emery	Learn how to improve your charts through short video tutorials
Build a better chart using an online tool	Visage | visage.com Piktochart | piktochart.com	Design web-embeddable charts and graphs with simple hover features
Create an icon matrix	Piktochart | piktochart.com	Use the charts feature to create icon matrices with the Piktochart icon library
	Build it yourself with icons from The Noun Project	Search for a free icon and use PowerPoint to replicate, recolor and manipulate the image.
Create a simple map	Tableau | tableau.com	Create filled maps with publicly available data. can read geocoordinates and layers on OpenStreetMaps to map towns, cities, districts, states, and countries.
	Piktochart | Piktochart.com	Create basic maps for embedding in web content or including in infographics.
Develop an infographic	Piktochart | Piktochart.com Infogr.am | Infogr.am	Use web-based tools with infographic templates and flexible interfaces for developing graphics for web, social media, or print. Both offer embeddable images with tooltip features. Learn how! Coursera Infographic Design (free!) coursera.org/learn/infographic-design/
Create a social media graphic	Canva | Canva.com Pablo | pablo.buffer.com	Create quick graphics with templates sized for specific social media types.
Create a GIF of your chart	Sketch | sketchapp.com ($99, for Mac only)	Creating animated charts and graphs can improve how you communicate a data story Learn how! blog.visual.ly/animated-gif-infographics/ or freshspectrum.com/gifs/
Develop a highly visual report	Slidedocs | duarte.com/slidedocs	Use free editable templates you can use in PowerPoint and design recommendations
Develop a dashboard	Excel	Useful when sharing dashboards across different people and locations, since most people have Excel. Learn how! youtube.com/watch?v=9NUjHBNWe9M
	Tableau | tableau.com	Develop interactive dashboards for large (or small) datasets that integrate maps, graphs, tables, and more, with embedded visual best practices.
	Microsoft Power BI powerbi.microsoft.com	Develop basic dashboard using a free, downloadable tool with some of the design best practices of Tableau