

Workshop on SDG & COVID-19 Data Visualization Toolkit UNSD-FCDO Project on SDGs Monitoring

Data Visualization Resources

Guidelines:

1. UNECE “Making Data Meaningful”
2. A Brief History of Data Visualization, Michael Friendly, 2006
3. Scientific Attitude and Picture Language, Elisabeth Nemeth
4. The Truthful Art, Alberto Cairo, 2016
5. UK Office for National Statistics website <https://style.ons.gov.uk/category/data-visualisation/>
6. UK ONS Infographic guidelines - a complete guide with best practices
<https://theidpblog.files.wordpress.com/2013/10/infographic-guidelines-v1-0.pdf>
7. “Data Visualization (Venngage): <https://venngage.com/gallery/post/data-visualization-process-infographic-example-beautiful/>

Design:

1. [Data visualization: basic principles](#)
2. [5 Principles of Visual Design in UX](#)
3. [Visual Vocabulary](#) click into every Chart Types
4. [An Economist’s Guide to Visualizing Data](#)
5. [Storytelling with Data blog](#)
6. [7 tips and tricks from the dashboard experts](#)
7. [Makeover Monday](#)
8. [Nightingale](#) Medium Journal
9. [Laws of UX](#)

Design Books:

1. [Storytelling with Data: A Data Visualization Guide for Business Professionals](#)
2. [Now You See It: Simple Visualization Techniques for Quantitative Analysis](#)
3. [Information Is Beautiful](#)
4. [Good Charts: The HBR Guide to Making Smarter, More Persuasive Data Visualizations](#)
5. [Functional Art, The: An introduction to information graphics and visualization](#)

Icons:

1. [Noun Project](#)
2. [Flat Icon](#)
3. [Freepik](#)
4. How to use icons in your infographics: <https://visme.co/blog/how-to-use-icons-in-infographics/>

Infographics:

1. [Picktochart](#)
2. [Visually](#)
3. [Easel.ly](#)
4. [Venngage](#)
5. [Infogram](#)
6. [Canva](#)

Data and Statistics:

1. [Towards Data Science](#)
2. [Calling Bullshit: The Art of Skepticism in a Data-Driven World](#)
3. [Avoiding Data Pitfalls: How to Steer Clear of Common Blunders When Working with Data and Presenting Analysis and Visualizations](#)
4. Presenting Data (UK ONS): <https://style.ons.gov.uk/category/data-visualisation/>

Charts/Graphs:

1. FlowingData.com
2. DataVizCatalog.com
3. The Graphic Continuum: <https://policyviz.com/2014/11/11/graphic-continuum-desktop-version/>
4. [Storytelling With Data: A Good Charts Workbook Tool](#) (video)
5. [Our World in Data – Global Health and All Charts](#)
6. [Visual Vocabulary](#)
7. [Designing Persuasive Charts](#) (video)
8. [Tools for Combating Bias in Datasets & Models](#) (video)

Excel resources:

1. Data visualization in Excel: <https://www.stl-training.co.uk/b/data-visualisation-in-excel/>
2. Chart chooser in Excel: <http://labs.juiceanalytics.com/chartchooser/index.html>

Software:

1. [Tableau](#)
 - Tutorial [videos on LinkedIn Learning](#)
 - Book [Practical Tableau: 100 Tips, Tutorials, and Strategies from a Tableau Zen Master](#)
2. [Flourish Studio](#)
 - Tutorial [videos by Alberto Cairo](#)
3. [Datawrapper](#)
 - [Tutorials](#)
4. [Observable](#)

**Full list of resources includes recommendations provided by Mr. Hong Qu during an Editorial Board training on data visualization (April 2021) and Mr. Ray Vella for this workshop.*

