Week 1 - Introduction to Data Visualization Tools

* Introduction to Data Visualization
* Introduction to Matplotlib
* Basic Plotting with Matplotlib
* Dataset on Immigration to Canada
* Line Plots
* Lab: Introduction to Matplotlib and Line Plots
* Quiz: Introduction to Data Visualization Tools

Week 2 - Basic and Specialized Visualization Tools

* Area Plots
* Histograms
* Bar Charts
* Pie Charts
* Box Plots
* Scatter Plots
* Bubble Plots
* Lab: Basic Visualization Tools
* Lab: Specialized Visualization Tools
* Quiz: Basic Visualization Tools
* Quiz: Specialized Visualization Tools

Week 3 - Advanced Visualizations and Geospatial Data

* Waffle Charts
* Word Clouds
* Seaborn and Regression Plots
* Introduction to Folium and Map Styles
* Maps with Markers
* Choropleth Maps
* Lab: Advanced Visualization Tools
* Lab: Creating Maps and Visualizing Geospatial Data
* Quiz: Advanced Visualization Tools
* Quiz: Visualizing Geospatial Data
* Peer-review Assignment