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

- 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

Mark as completed