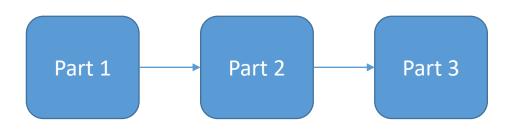
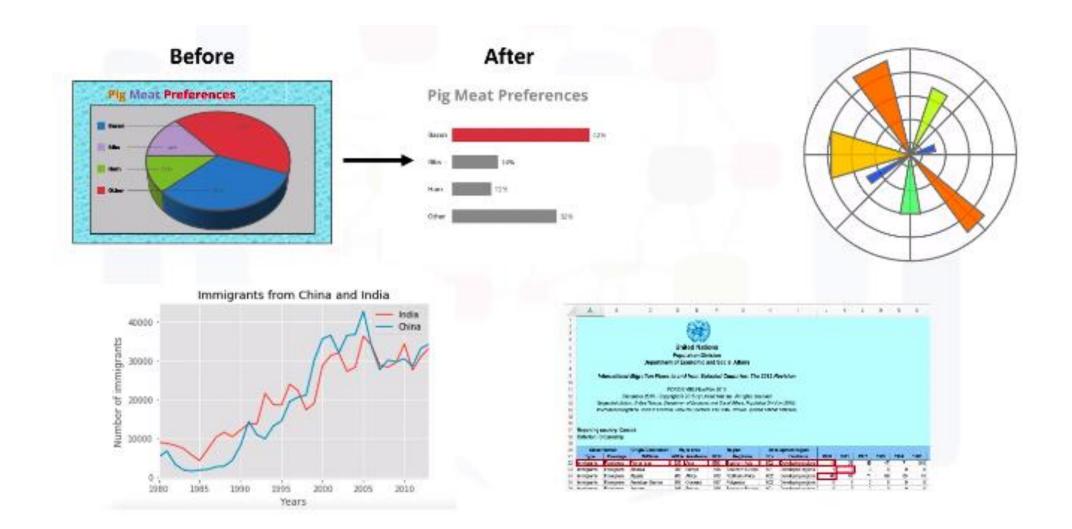
# Visualizing Data with Python

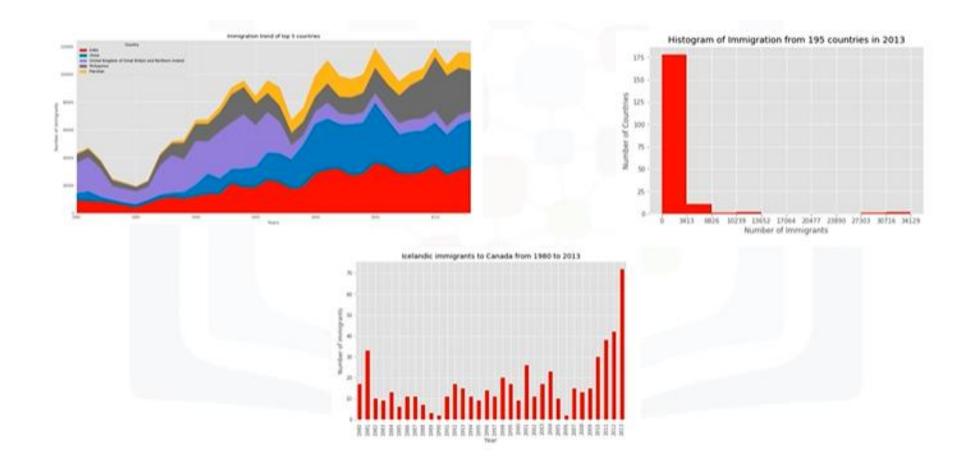
Module 4



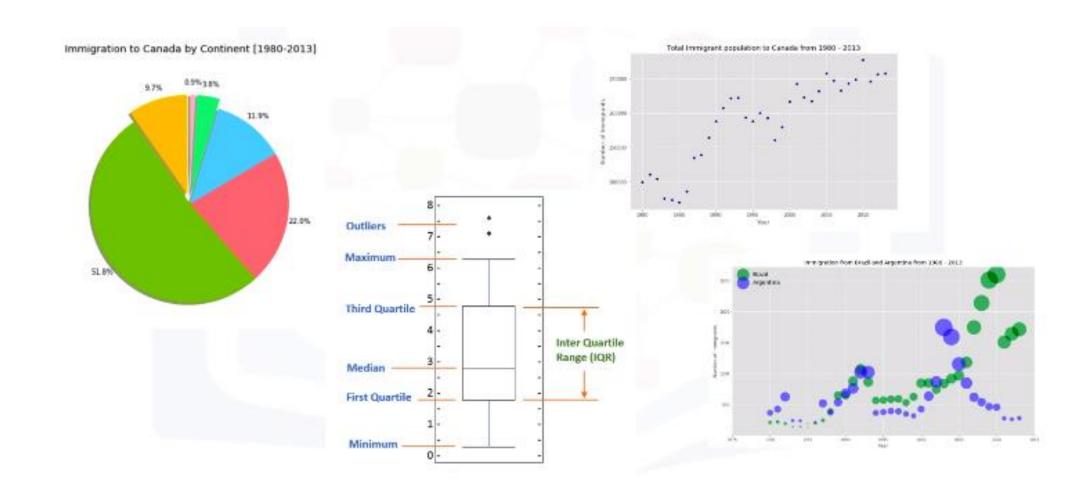
#### Part 1



### Part 2



#### Part 3



#### Structure

- Part 1: Introduction to Visualization Tools best practices, basic plotting with Matplotlib, line plots
- Part 2: Basic Visualization Tools area plots, histograms, bar charts
- Part 3: Specialized Visualization Tools pie charts, box plots, scatter plots, bubble plots

## Learning Objectives

- Data visualization and some of the best practices when creating plots and visuals.
- The history and architecture of Matplotlib, and how to do basic plotting with Matplotlib.
- Generating different visualization tools using Matplotlib such as line plots, area plots, histograms, bar charts, box plots, and pie charts.