

## Data Analysis - Analyzing and Visualizing

Using **icecream.csv** from the course website and **matplotlib**, create a pie chart of all the favorite ice cream flavors.

Using **icecream.csv** and **matplotlib**, create a bar chart of favorite Flavor 1's, favorite Flavor 2's, and favorite Flavor 3's.

Choose the appropriate visualization for the following scenarios:

A figure to describe three dimensions, for instance the amount of chocolate consumed against time, with some other descriptive way to show the number of people from different areas in the United States at each time stamp.

A figure to show the number of COVID-19 cases over time.

A figure to capture the average rate of infection of COVID-19 across four different age groups.

A figure to capture the **proportion** of cases of COVID-19 across four different age groups.