

## What is Seaborn

- A python library that can make visualizing data easier
- Documentation: <https://seaborn.pydata.org/>

## Types of graphs

- Bar Graph
  - Graph type that uses bars to depict a value associated with a category
  - Related Seaborn tools
    - Barplot
      - <https://seaborn.pydata.org/generated/seaborn.barplot.html>
    - Countplot
      - <https://seaborn.pydata.org/generated/seaborn.countplot.html>
    - Pointplot
      - <https://seaborn.pydata.org/generated/seaborn.pointplot.html>
    - Catplot
      - <https://seaborn.pydata.org/generated/seaborn.catplot.html#seaborn.catplot>
- Histogram
  - Shows the frequency distribution of a variable in a dataset
  - Related Seaborn Tools
    - Histplot
      - <https://seaborn.pydata.org/generated/seaborn.histplot.html>
    - Displot
      - <https://seaborn.pydata.org/generated/seaborn.displot.html#seaborn.displot>
    - Kdeplot
      - <https://seaborn.pydata.org/generated/seaborn.kdeplot.html#seaborn.kdeplot>
    - Rugplot
      - <https://seaborn.pydata.org/generated/seaborn.rugplot.html#seaborn.rugplot>
    - Ecdfplot
      - <https://seaborn.pydata.org/generated/seaborn.ecdfplot.html#seaborn.ecdfplot>
    - Jointplot
      - <https://seaborn.pydata.org/generated/seaborn.jointplot.html#seaborn.jointplot>
- Scatter Plot
  - A graph that uses points to show the relationship between 2 quantitative variables in a dataset
  - Related Seaborn tools
    - Scatterplot
      - <https://seaborn.pydata.org/generated/seaborn.scatterplot.html#seaborn.scatterplot>
    - Lineplot

- <https://seaborn.pydata.org/generated/seaborn.lineplot.html#seaborn.lineplot>
- Stripplot
  - <https://seaborn.pydata.org/generated/seaborn.stripplot.html#seaborn.stripplot>
- Swarmplot
  - <https://seaborn.pydata.org/generated/seaborn.swarmplot.html#seaborn.swarmplot>