Lecture VIII - Data Visualization

Programming with Python

Dr. Tobias Vlćek

Quick Recap of the last Lecture

Data Visualization

- Data visualization is the process of creating visual representations of data
- It allows us to understand the data in a more intuitive way
- It helps us to identify patterns, trends, and outliers in the data

Beautiful Plotting

- There are many libraries for data visualization in Python
- Some of the most popular libraries are:
    - Matplotlib
    - Seaborn
    - Plotly
    - Bokeh
    - Altair
    - GeoPandas
    - Geoplot
    - Geoplotlib

Matplotlib Module

Seaborn Module

Plotly Module

Dash Module

Bokeh Module