Data Science

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**Homework
in preparation of

Lecture 6
–
Visual EDA**

Visual EDA

Visualization is a key step in EDA (Exploratory Data Analysis). Powerful Python libraries for data visualization like Matplotlib or seaborn are at our disposal.

Matplotlib is a library to visualize data, which we will be using extensively any time we start working with a new dataset, in order to "get to know" the data.

Seaborn is also a library to visualize data, it is built on top of Matplotlib. It is more powerful, works better with pandas Dataframes and has a more modern look.

This homework assignment consists of the following parts and expected time:

♦ Read Chapter 4 (Visualization with Matplotlib) in the "Python Data Science Handbook". You can skip the sections on "*Density and Contour Plots*", "*Text and Annotations*", "*Three-Dimensional Plotting*" and "*Geographic Data with Basemap*" – (expected time: **90min**)
Reminder: [https://jakevdp.github.io/PythonDataScienceHandbook/]

♦ Complete the notebook "h06a..." - (expected time: **90min**)