Hands-On-Session on Linear Regression: Least Square Fit

Machine Learning Group @ KU
Sadia Khalil
7/3/2019

Code and System Requirement

- Exercise

    - https://github.com/skhalil/DataScience/blob/master/Regression/LinearRegressionTutorial/linearRegIntro.ipynb

    - datafile: https://github.com/skhalil/DataScience/blob/master/Regression/LinearData.txt

- System requirement:

    - Miniconda: https://docs.conda.io/en/latest/miniconda.html (recommended Python37)

    - Jupyter Notebook: https://jupyter.org/install.html

        - `conda install ipython jupyter`

        - `git clone https://github.com/ipython/ipython-in-depth`

        - `cd ipython-in-depth`

        - `jupyter notebook`

    - Python Packages:

        - numpy, scipy, matplotlib, spyder (alternate platform to run python)

- Acknowledgement: http://theenglishtea.company/linear-regression-walkthrough/