

Machine Learning

Exercise 3: Usage of different regression algorithms in python

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Abstract

The goal of this exercise is to use python and scikit-learn to perform logistic and polynomial regression on different datasets.

Task 1: Getting familiar with the regression algorithms

- Additional information about implementing polynomial regression in python can again be found [here](#).

Task 2: Logistic Regression

- Follow the tutorial [here](#) for an installation to Anaconda
- [Here](#) you can get started with working with Anaconda and Launch your own Jupyter Notebooks
- Make sure to follow the whole guide and also work with the Anaconda prompt
- Generate a 'hello, world' output, either in a Notebook or in the prompt

Task 3: Polynomial Regression

- Combine both working environments to work with them together
- Inspect the repo - there are files in the `code/ntbks` folder
- Read, run and inspect the notebooks and files in the `01_intro` folder