CMPE 407
Homework 01 Deadline: 11.04.2020 23.59

April 5, 2022

RULES

- Codes without documentation (comments) will not be evaluated.

- This work is an individual study. Plagiarism is strictly prohibited, involved students will get zero.

SUBMISSION

- Submit your solution as [id name surname cmpe407 hw01].ipynb. Do not use Turkish characters in file naming.

- Solution without comments will not be evaluated.

- Late submissions will not be accepted. Submission system will be closed after deadline. Submissions via e-mail will not be accepted.

QUESTION

- (10 point) Read the Life Expectation dataset uploaded in Learn. Provide analysis about statistics of the dataset.

- (30 point) Visualize the features by using different plots. Provide discussion for each plot.

- (20 point) Make proper pre-proccessing operations to prepare the data to feed models.

- (30 point) Train regression models on Life Expectation dataset. Make different experiments with different hyper-parameters or models.

- (10 point) Test your models and provide discussion about your results.

Note: Ensure that your programs are fully documented, using comments.