CMPE 407: Machine Learning
Worksheet 3

Istanbul Bilgi University

Spring, 2020

Exercises

1. Read iris dataset by using `sklearn` library.

2. Split the dataset into train, validation and test datasets.

3. Create a Naive Bayes model and evaluate the trained model on validation dataset.

4. Change the hyperparameters in order to achieve better results. Select the hyperparameters regarding experiment with maximum score. Then, evaluate the best model on test dataset.

5. Investigate the results. How many of data is predicted correctly?