Homework Assignments

Pre-Course Survey

(Due before August 25)

Homework Assignment 1

(Due at 10am on September 11)

Visualize the telecom churn dataset on Orange. Write down a list of 5 visualizations you created. For each visualization, describe what you found.

Homework Assignment 2

(Due at 10am on September 25)

Use Orange to perform a single-variable regression on the restaurant profit data set. Alter the size of the data set and write down your observations on how predictions change.

Homework Assignment 3

(Due at 10am on October 16)

Multivariate Regression. Use Orange to perform a regression on the house price data set. Describe your results.

Homework Assignment 4

(Due at 10 am on October 30)

Multivariate Logistic Regression. Use Orange to perform a logistic regression on the entrance exam scores data set. Also, answer questions on the science of machine learning.

Homework Assignment 5

(Due at 10am on November 6)

Submit your Final Project Proposal

Homework Assignment 6

(Due at 10 am on November 13)

Submit your answers to the quiz on measuring model performance.

Homework Assignment 7

(Due at 10 am on November 27)

Use Orange to cluster the whiskey dataset.

Final Project Presentations

Homework Assignment 8

(Due at 10 am on December 4)

Use Orange to classify the email dataset into spam and ham.

Final Exam