Assignment 10

In this module, you will write one Python notebooks to create required outputs.

Notebook 1: model_selection

Watch the lecture videos. The assignment is in the same format as presented in the lecture but on a different data set. An assignment template is provided. You can find the assignment requirements inside of the template. Please add your code in the file and verify the code generates the required result.

Requirements:

1. Watch the lecture videos and fully understand the lecture notebook
2. Analyze the "poly_data" data set by following the example in the lecture
3. Add code in the assignment template and generate required outputs

Submissions:

You will export your notebook to both .html and .py formats. You will submit the following file to Blackboard. In your html file, you should **include only required outputs** of your python script without error messages.

1. Firstname_Lastname_polymodel_selection.zip (zip the .html and .ipynb files)

Attachments:

Model_evaluation_lecture.ipynb	:	the notebook from the lecture
Polynomial_feature_selection_assignment_template.ipynb	:	the assignment template
Poly_data.csv	:	Data set