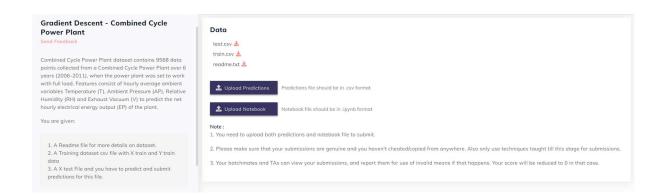
Regression Project – 3

Gradient Descent - Combined Cycle Power Plant

Problem Statement:



Your task is to:

- 1. Code Gradient Descent for N features and come with predictions.
- 2. Try and test with various combinations of learning rates and number of iterations.
- 3. Try using Feature Scaling, and see if it helps you in getting better results.

Read Instructions carefully -

- 1. Use Gradient Descent as a training algorithm and submit results predicted.
- 2. Files are in csv format, you can use genfromtxt function in numpy to load data from csv file. Similarly you can use savetxt function to save data into a file.
- 3. Submit a csv file with only predictions for X test data. File should not have any headers and should only have one column i.e. predictions. Also predictions shouldn't be in exponential form.
- 4. Your score is based on coefficient of determination. So it can be possible that nobody gets full score.