

CS 6375

ASSIGNMENT 1

Names of students in your group:

Samyak Rokade (SJR220000)

Anthea Abreo (AXA210122)

Number of free late days used: 0

Note: You are allowed a **total** of 4 free late days for the **entire semester**. You can use at most 2 for each assignment. After that, there will be a penalty of 10% for each late day.

Please list clearly all the sources/references that you have used in this assignment.

1. Pandas: <https://pandas.pydata.org/docs/>
2. Scikit-Learn (sklearn): <https://scikit-learn.org/stable/documentation.html>
3. SGDRegressor from Scikit-Learn: https://scikit-learn.org/stable/modules/generated/sklearn.linear_model.SGDRegressor.html
4. StandardScaler from Scikit-Learn: <https://scikit-learn.org/stable/modules/generated/sklearn.preprocessing.StandardScaler.html>
5. train_test_split from Scikit-Learn: https://scikit-learn.org/stable/modules/generated/sklearn.model_selection.train_test_split.html
6. Matplotlib (plt): <https://matplotlib.org/stable/contents.html>
7. Mean squared error (mean_squared_error) from Scikit-Learn: https://scikit-learn.org/stable/modules/generated/sklearn.metrics.mean_squared_error.html
8. Mean absolute error (mean_absolute_error) from Scikit-Learn: https://scikit-learn.org/stable/modules/generated/sklearn.metrics.mean_absolute_error.html
9. R-squared (r2_score) from Scikit-Learn: https://scikit-learn.org/stable/modules/generated/sklearn.metrics.r2_score.html
10. Explained variance score (explained_variance_score) from Scikit-Learn: https://scikit-learn.org/stable/modules/generated/sklearn.metrics.explained_variance_score.html
11. NumPy (np): <https://numpy.org/doc/stable/>