

**IE 8990 Distributed Machine Learning Techniques**  
**Assignment 4**  
**Due: 11/15/2021 11:59 PM**

Use the **Advertising.csv** file to answer the following questions:

**Question 1:** Check if there is any missing value in the dataset. Perform some basic exploratory data analysis.

**Question 2:** Using Sales as your predictor variable, implement at least **Eight** different regression techniques on the Advertising dataset.

**Question 3:** Make a comparison of the prediction performance of the different algorithms implemented on **Question 2**.