# Report: Assignment 1

# Baker Shehadeh

This report is to conclude and overview what is done in the assignment. At the beginning the dataset was explored in order to know the features and their types.

It was a financial data for employees in a specific company. The data was checked for null values, two features are filled with Null for all records so they were removed. Other financial features have null values, the procedure was to fill those null values with zeros since I believed some of the employee don't have a Base pay because they use commission system.

Few statistics operator were applied for the numeric features to get an insight about the average of the salaries, visualization tools such as histogram was used to show the distribution of salaries.

A correlation was checked for two features. Base Pay and total Salary show high correlation with a percentage of 95% and it was visualized as a scatter plot. On the other hand, Overtime Pay and Total Pay don't show high correlation (Almost 50%).