

# Report

## Q1:

We found the general look of the data frame, like, the columns and the type of each one, the size of the data frame and the number of NULL values in each column

## Q2:

We calculate the basic statistics

## Q3:

Handling the Null values, we remove the columns & rows the are full of null value

## Q4:

- 1- We plotted the histogram for the total pay salaries
- 2- We found the departments from the job title column, then we found the number of persons in each department and plot the pie chart for them

### **Q5:**

**We have grouped two columns**

**1- Year**

**Where we found that the average salary for group 2011 in term of total pay > group of 2012**

**2- Job title**

### **Q6:**

**We plot the correlation between**

**1- Total pay & Base pay**

**Where we found a strong correlation between them of 0.94**

**2- Total pay & over time pay**

**Where we found a moderate correlation between them of 0.491**