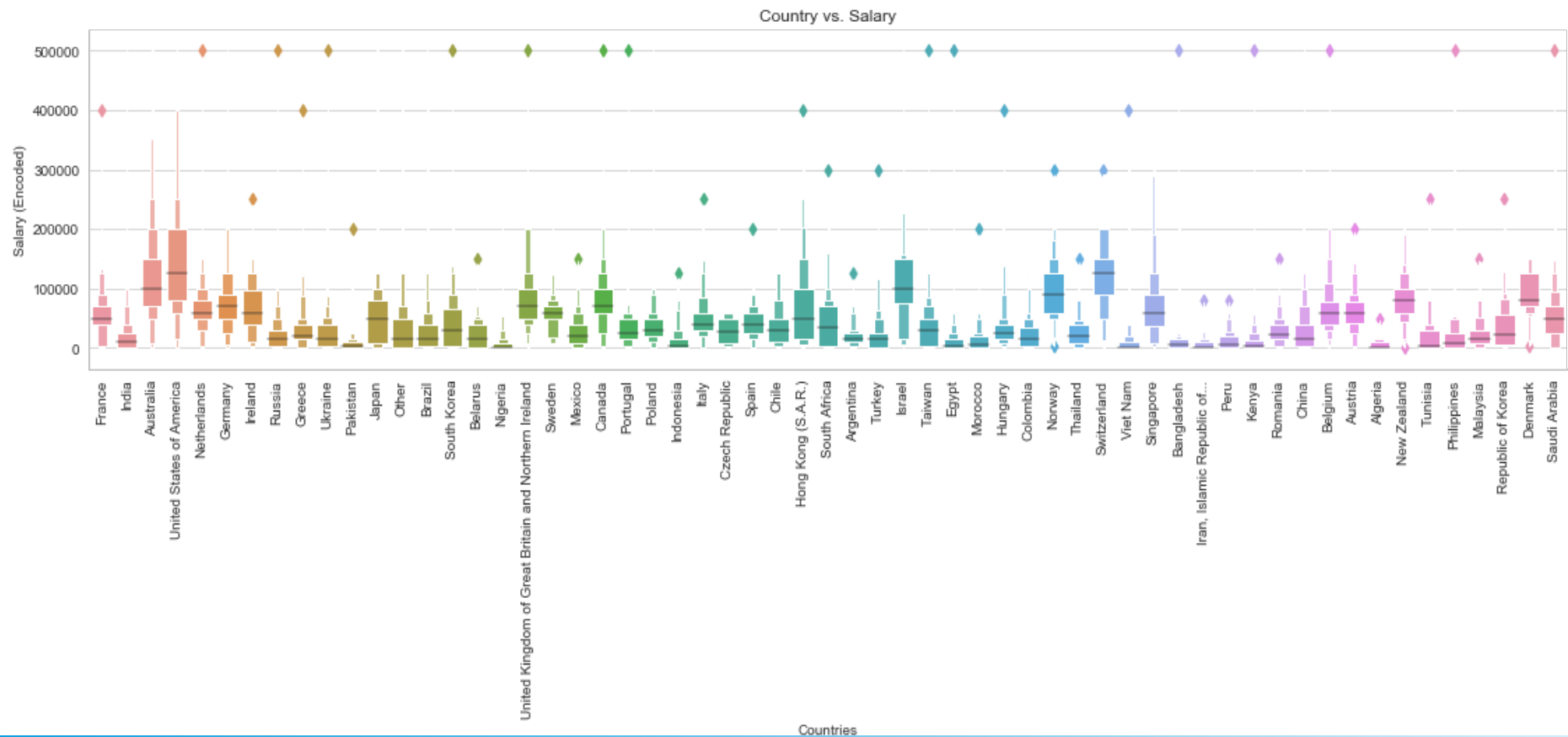# MIE1624 : Introduction to DataScience and Analytics

Assignment – 1
Sai Anirudh Basamsetty : 1006042747
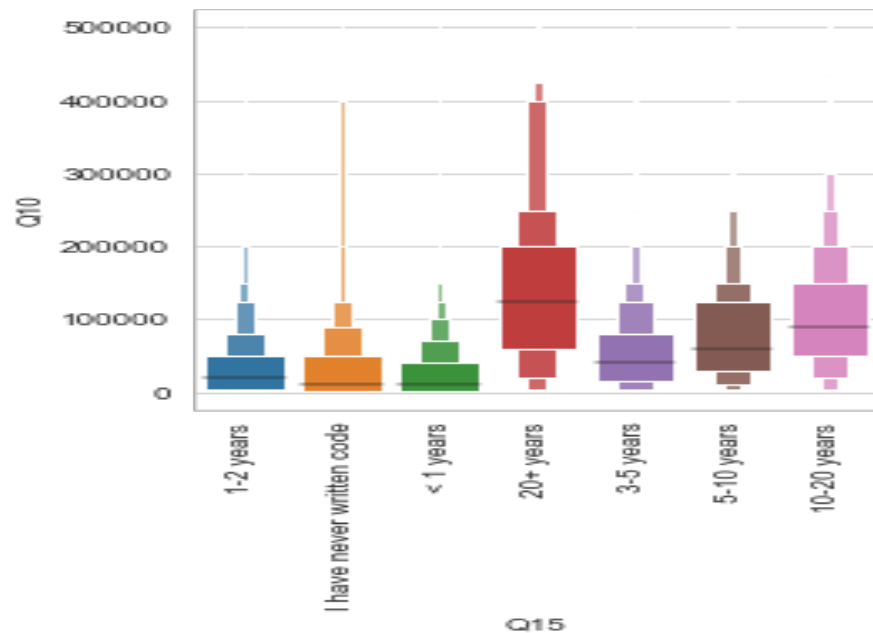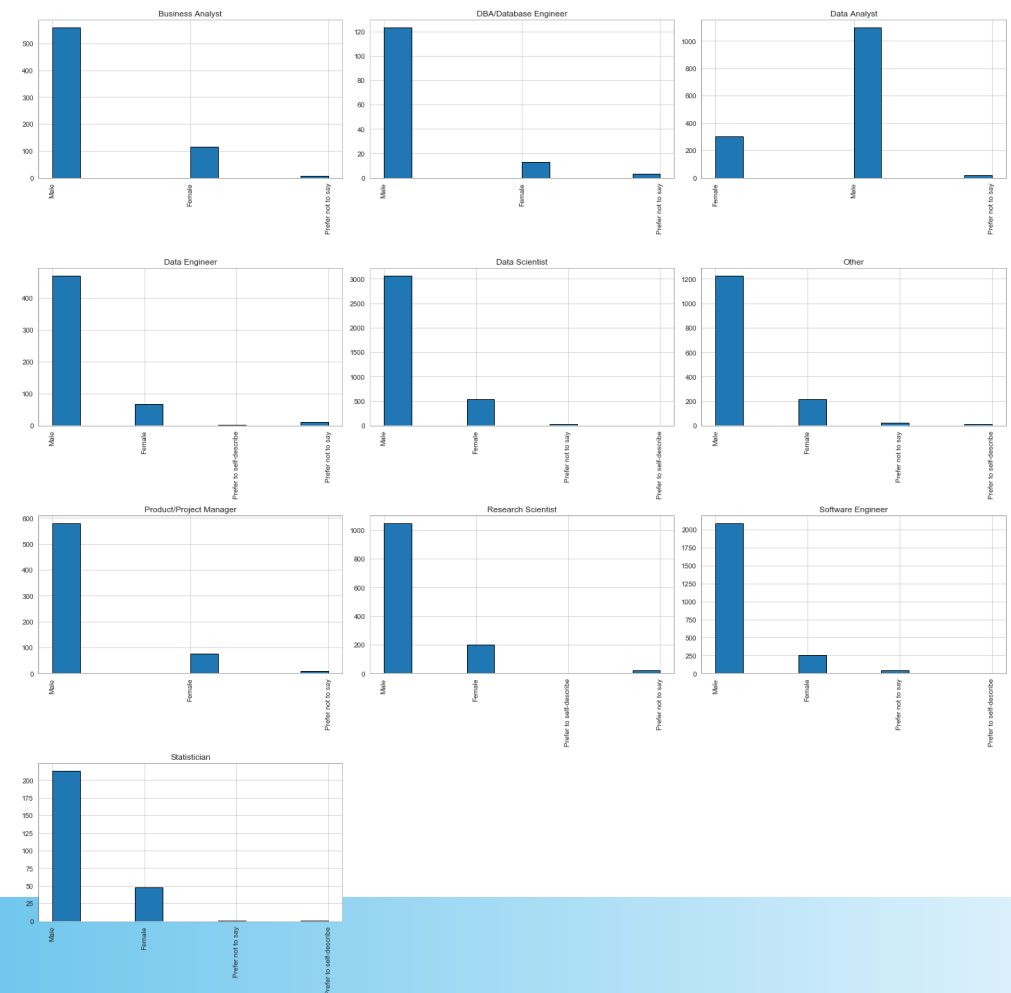
Trends in Data

- Countries Vs Salary
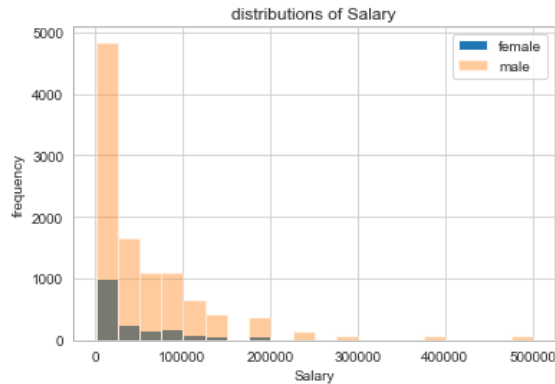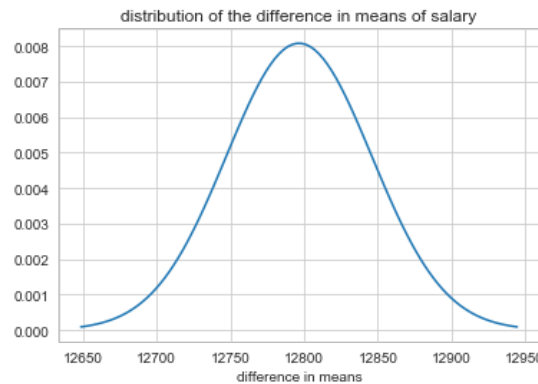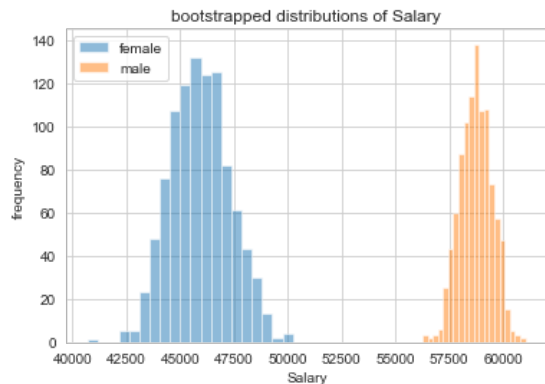
Trends in Data

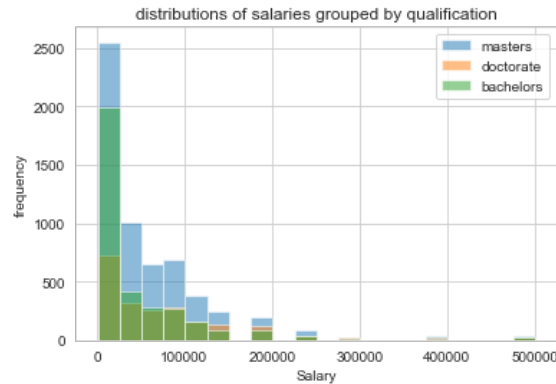- ## Experience Vs Salary   Gender wise positions

Question - 2

- The data is right skewed or positive skewed
- After bootstrapping, the data is normally distributed.
- We get a p value of 0.0 on performing T-Test hypothesis.
- We reject null hypothesis and consider alternate hypothesis which says that the salaries of males and females are statistically different.

Question - 3

distributions of salaries grouped by qualification

bootstrapped distributions of salaries grouped by qualification

- The data is right skewed or positive skewed
- After bootstrapping, the data is normally distributed.
- We get a p value of 0.0 on performing ANOVA analysis.
- Since the P-value is less than threshold (0.05), we can conclude that there is a statistical difference between mean salaries of people with different educational qualification.

F-Distribution dfn:2, dfd:2997