# BFSI
Credit Score Case Study

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Credit risk analysis will help the company to make a decision for loan approval based on the applicant's profile. Which controls loss of business to the company and avoid financial loss for the company.

SUMMARY (NEED)

Steps

❑ Data understanding and sourcing

❑ Check for Data quality and Binning

❑ Check for Data imbalance and univariate, segmented univariate & Bivariate analysis, Correlation

❑ Data analysis by univariate, segmented univariate & Bivariate analysis, Correlation

❑ Recommendations and Risks
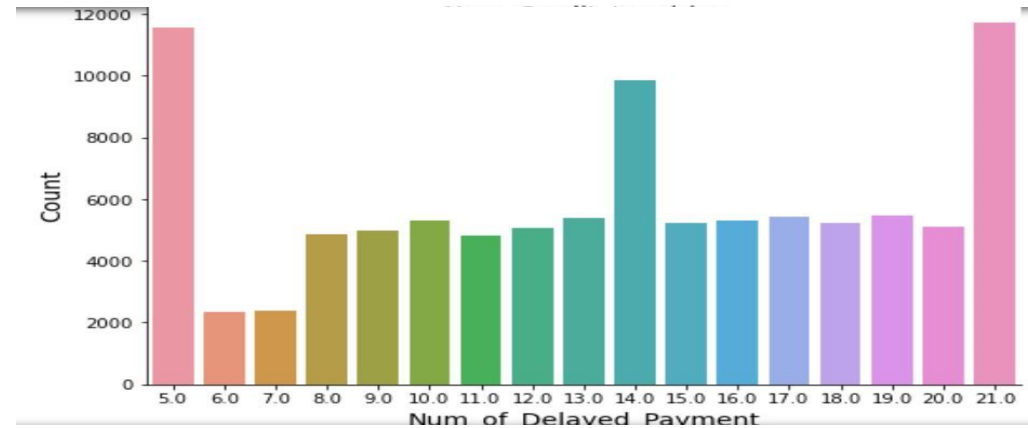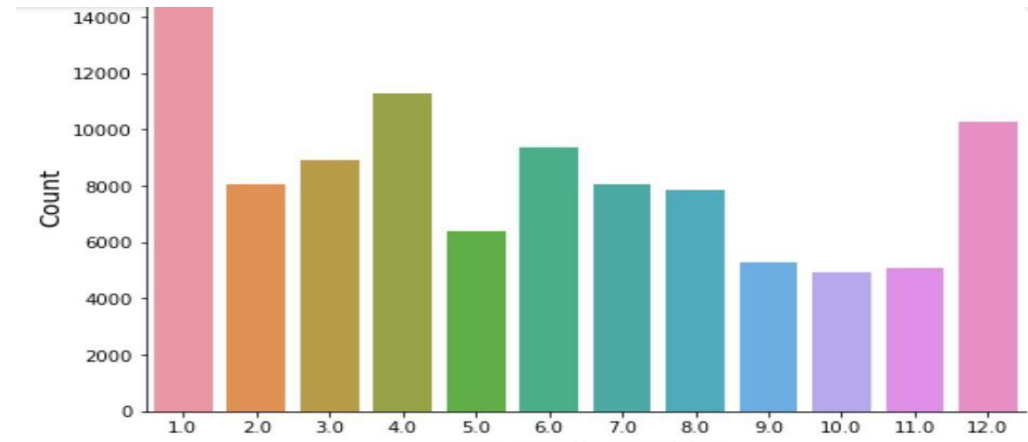
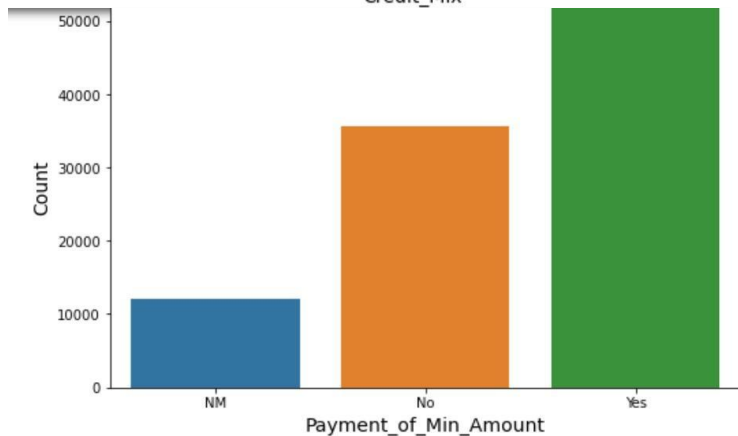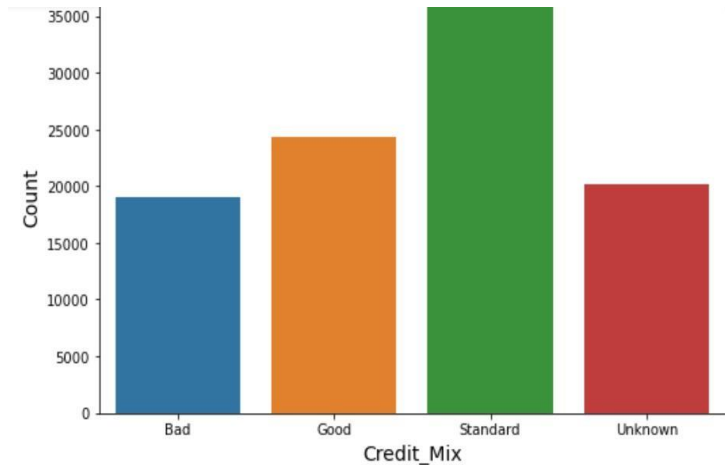# Univariate Analysis of continuous data
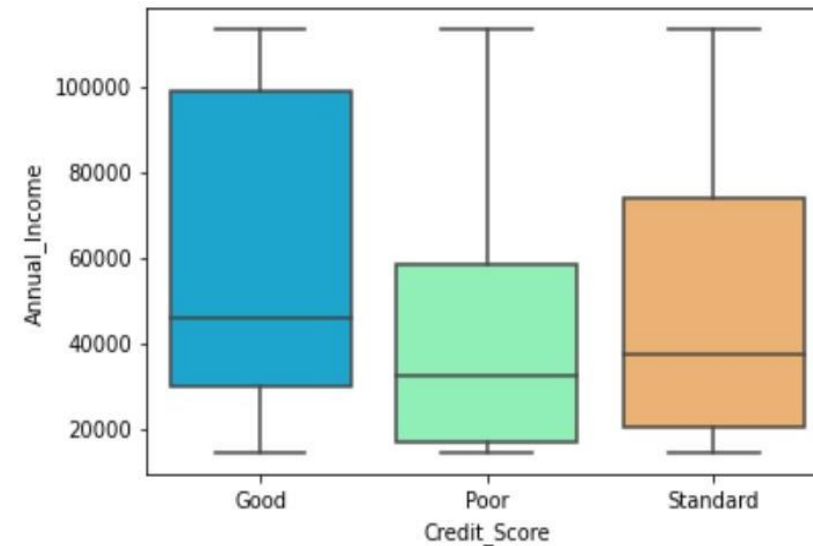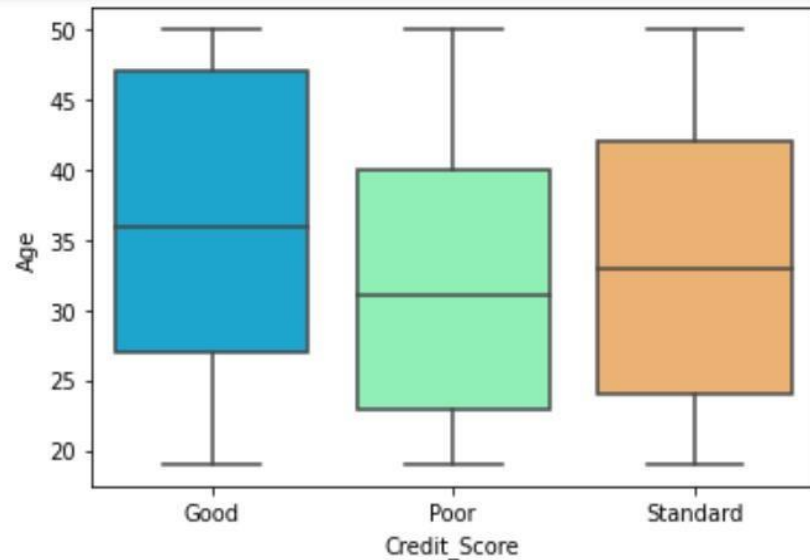
Plot shows that customers in the age group of 22 – 40 have poor credit score due to various reasons one can be default in payments and other being low annual income as shown.
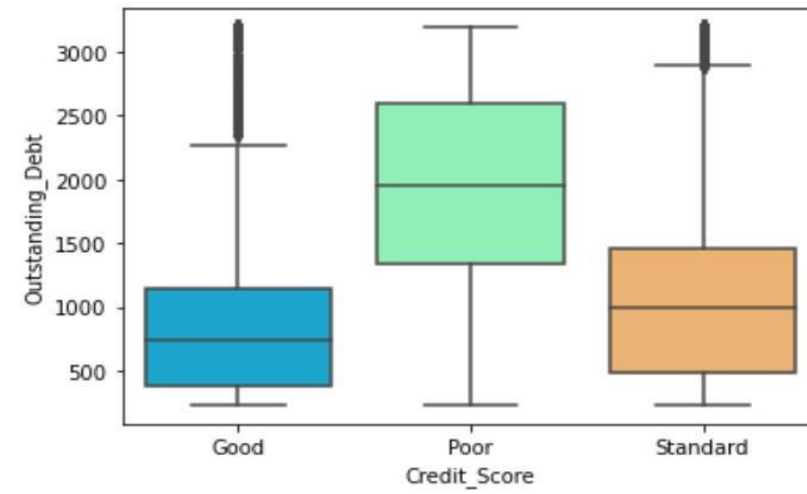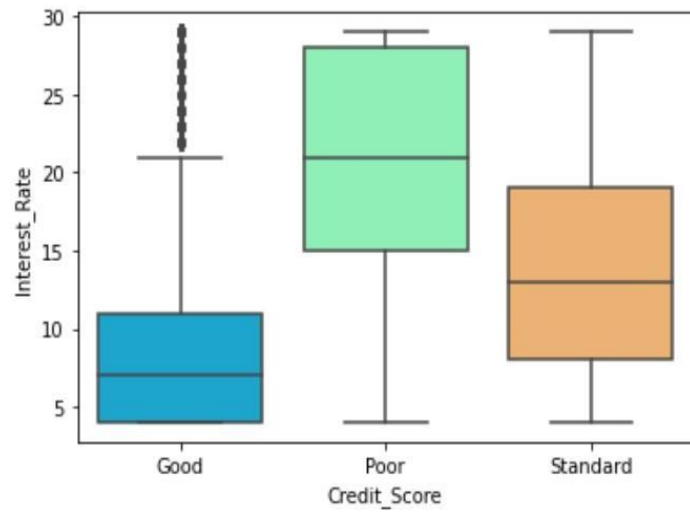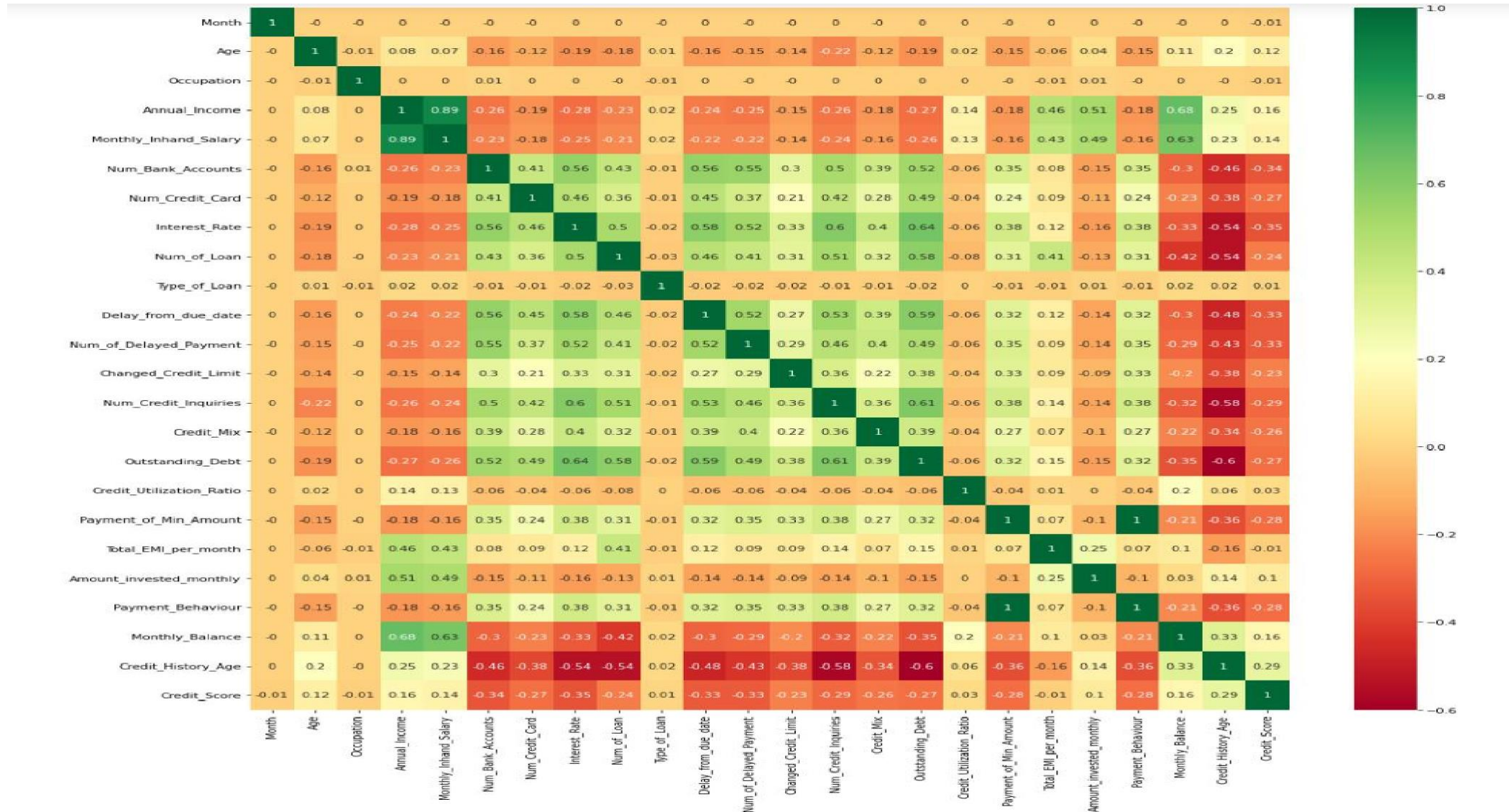
Depicts that outstanding debt and higher interest rates are causing poor credit scores for individuals.

Univariate Analysis on categorical columns

Correlations among the continuous variables

Recommended group where loan can be credited.

- Clients who are working as a state servant

- Elder people of any income group

- Client in high income category

- Client with higher education

- Any client who's previous loan was approved

- Refreshed client who has unused loan status previously

High risk clients

- Previously refused loan status group

- Client in young age group with less annual income

- High outstanding debt individuals may lead to be defaulters and credit duration and history should be verified.