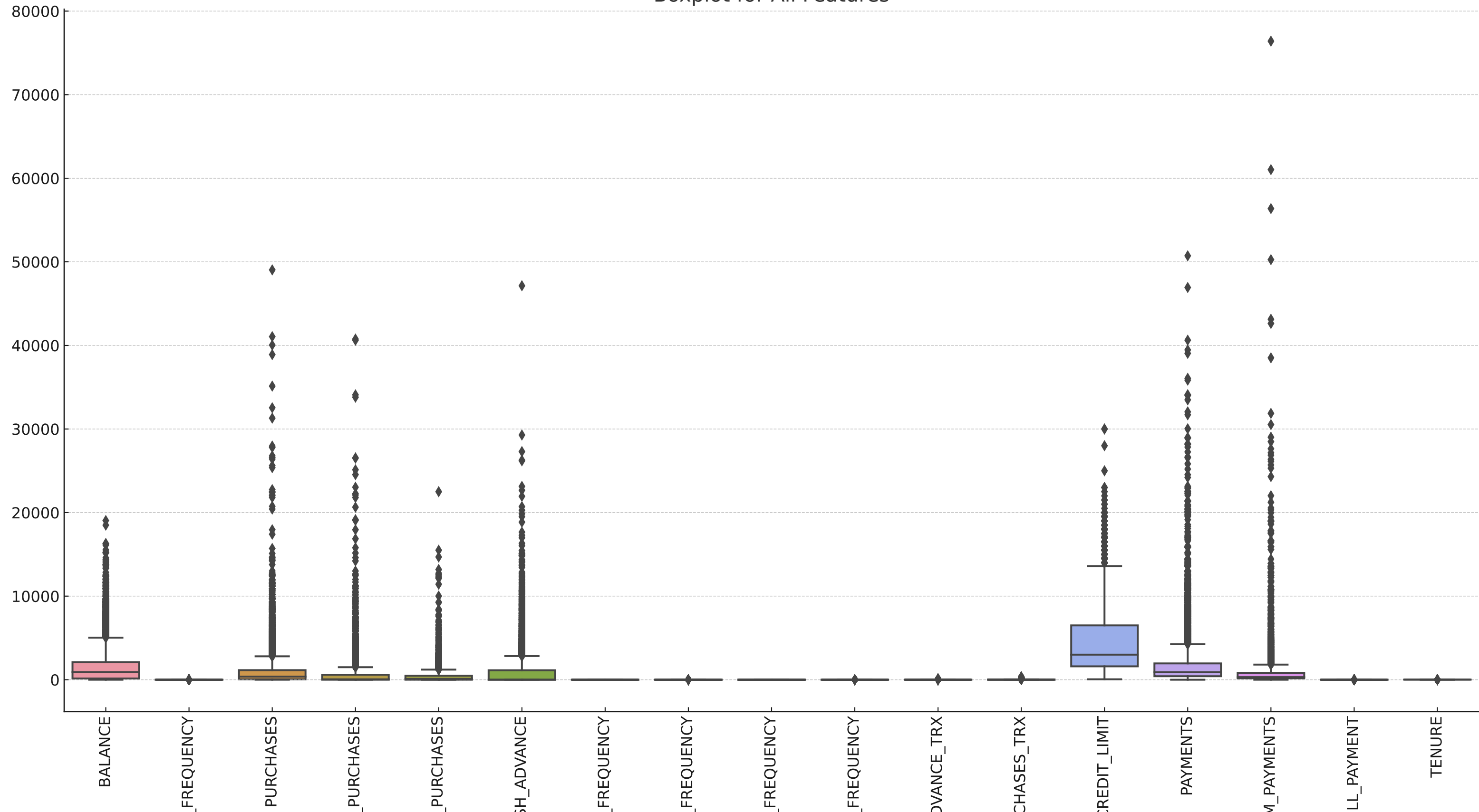


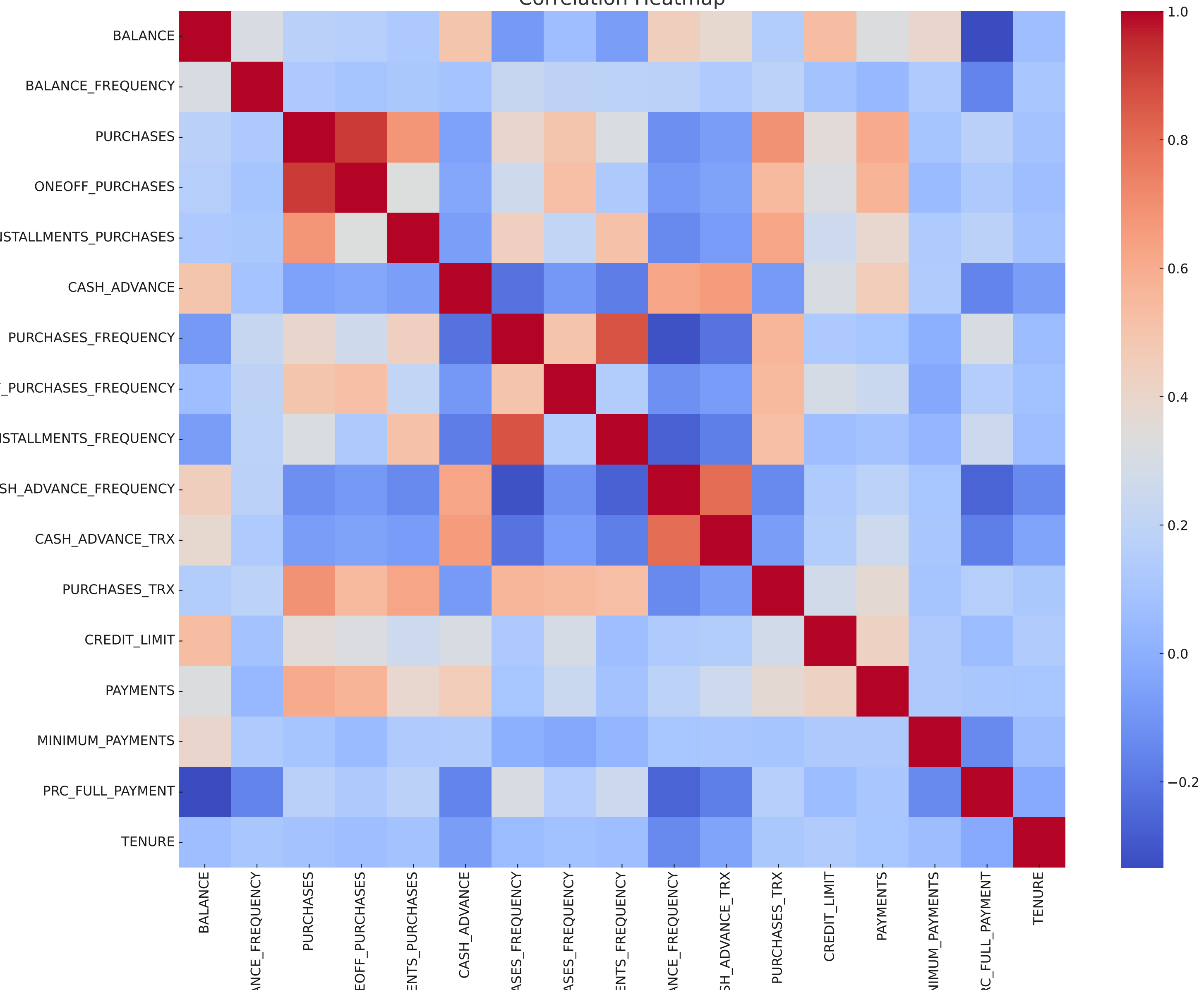
# Histograms of Features

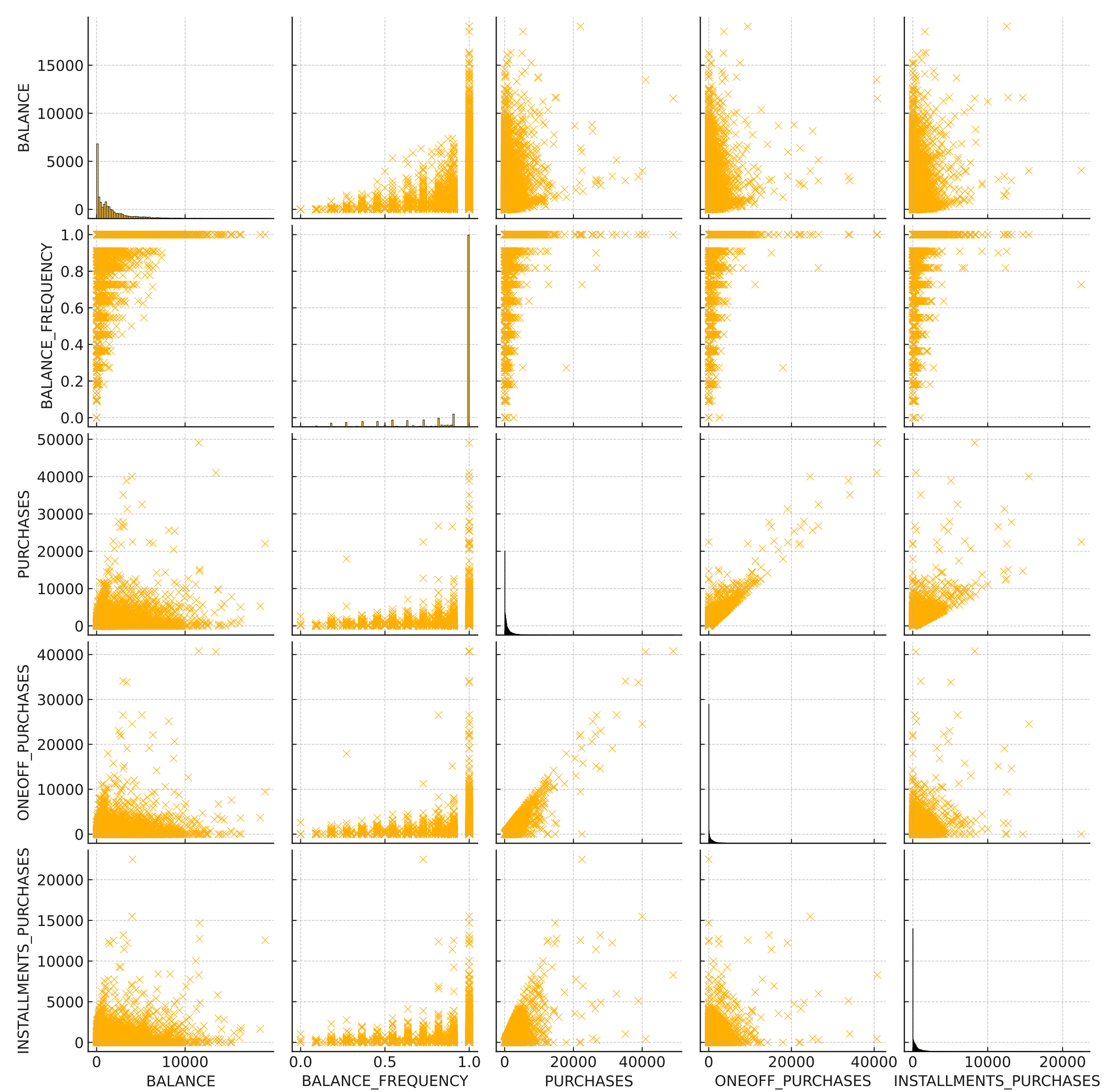


Boxplot for All Features



## Correlation Heatmap





### Summary of Findings:

- The dataset has mostly continuous numerical features.
- Several features are highly skewed as seen in histograms.
- Boxplots reveal presence of outliers in features like BALANCE, PURCHASES, CASH\_ADVANCE.
- Correlation heatmap shows strong correlations among some features such as PURCHASES and CREDIT\_LIMIT.
- Pairplot shows positive relationship between PURCHASES and CREDIT\_LIMIT.

### Suggestions:

- Outlier treatment may be necessary.
- Further dimensionality reduction (e.g., PCA) could be explored.
- Clustering techniques (like KMeans) can be applied on clean data.