**India ML Hiring Hackathon 2019**

**Approach:**

The Bank loan data provided was a time series data, where we want to find the delinquency in loan repayment. So first we need to find the correlation between different features given, and by finding this we can understand which features are best contributing to the output variable. Then adding some for statistical features to the selected best features, we get very good feature set for the data given. Now using this we can train a model and use to predict for any future data.

**Data pre-processing:**

Correlation with heatmap is used to find the correlation between the features. Now from this information, only best features are selected features, we find the statistical features such as max, min, mean, non-delequent months, variance, skewness, kurtosis, etc and append to the feature set.