**Date**: 23rd February 2022

**Abraca-data**

**Weekly Report**

**Tasks performed in this week**

1. Univariate Analysis
2. Bivariate Analysis

**Outcomes of the tasks performed**

1. Using univariate analysis: figured out the features that were
   1. Highly imbalanced.
   2. Binary features
   3. Uniformly distributed
   4. Having skewness
2. Using bivariate analysis:
   1. Using bivariate analysis: Found out whether the relationship between some selected pairs of features are linear or nonlinear
   2. Looked at predicted attributes and compared them with relevant features such as gender, sysBP, diaBP, cigsPerDay etc.

**Tasks to be performed in the upcoming week**

1. Multivariate Analysis
2. Resampling imbalanced data
3. Feature Selection