**ABSTRACT**

**Project Name**: Google play store app analysis

The google play store is one of the largest and most popular Android app stores. It has an enormous amount of data that can be used to make an optimal model. We have used a raw data set of Google Play Store from the Kaggle website. This data set contains 13 different features that can be used for predicting whether an app will be successful or not using different features. based on the rating which app is best for the category google play store. This data set is scraped from the Google Play Store. This project comes under the domain of Machine learning and Data visualization. Predictions will be made using the random forest algorithm as the method used to predict application ratings. Compare to Logistic Regression the Random Forest algorithm has the best performance from other algorithms in helping to find weaknesses in the Google play store data set. The results of this study can be seen from the use of the random forest algorithm with an average accuracy of 88.0%

Keywords: Google Play Store, Rating, prediction, Random forest.