**Currency Exchange Rate Prediction & Analysis**

**Project Group Students: Project Guide:**

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**ABSTRACT**

Project based on machine learning for **“Currency Exchange Rate”**.I used Indian rupee dataset to train the model. The goal of this machine learning project is to forecast and analysis the financial data. It will help to know the rupee value and fluctuation between currency.

**INTRODUCTION**

This Machine Learning project is used to predict/analyse the Indian currency value. It predicts using two machine learning algorithms. So, the output is accurate.

**DATASET**

url : <https://in.investing.com/currencies/usd-inr-historical-data>

**KEYWORDS**

1. Using Linear Regression Model
2. Using ARIMA Model
3. SVM
4. ANN
5. Python libraries like pandas, Numpy , Matplotlib, Sklearn, Keras.

**SOFTWARE REQUIREMENTS**

1. Python 3.7 (64-bit)
2. Jupyter Notebook
3. Windows 10

**MINIMUM HARDWARE REQUIREMENTS**

1. i3 7th Generation
2. 4GB RAM