**Meeting 1: 2023-10-05**

Project topic was provided: “Examining Feature engineering techniques in time series prediction with application in forex market"

**Meeting 2: 2023-10-12**

**Input**:

1. Examining Feature engineering techniques in time series prediction

2. Forex market – fundamental and technical analysis

3. fundamental analysis news and economic events can manupulate the market

**Feedback**: Traders use technical analysis such as candle sticks to examine patterns in many finance indices. What would be interesting in this project would be to examine how motifs could be used in conjuction with external features such as interest rates to predict the next motif. This would help traders determine if the following patterns are predictable. A good test case for this will be foreign exchange.

Start your proposal and fill in the introduction. Give some context to the problem. Give some info on what others have done to solve this problem.

Do some research on time series feature engineering.

**Things to read:**

motif ,

time series

feature engineering

**Things to do:**

1. proposal

why this is intresting

2. introduction:

Explain about the context definition/context on the problem

forex market

base currency quote currency

technical analysis and fundamental analysis

what if people dont solve this probelm what will be the impact and all

**Meeting 3: 2023-10-26**

input:

1. keep proposal under 100 words: add following points

foreign exchange information

rate with $ is impt

predicting it is important

we are going to research about the internal variable methodologies and approches

2. read about the hyperparameter, ml techniques, liner regession , RNN, stm, nural network, lstm,