

Crypto Price Prediction & Exchange App

Abstract

- Although machine learning has been successful in predicting stock market prices through a host of different time series models, its application in predicting cryptocurrency prices has been quite restrictive.
- An accurate crypto price prediction model is critical for business planning, but it is also a difficult endeavour.
- By analyzing the historical prices using a knowledge-based system and machine learning, you can analyze the crypto market cycle.



Objective

- The project is divided into two phases:
 - LSTM (Long Short-Term Memory) Model to predict the price of the cryptocurrency.
 - Deploying the model on a web-app and enabling a pseudo exchange.





Learning Outcomes

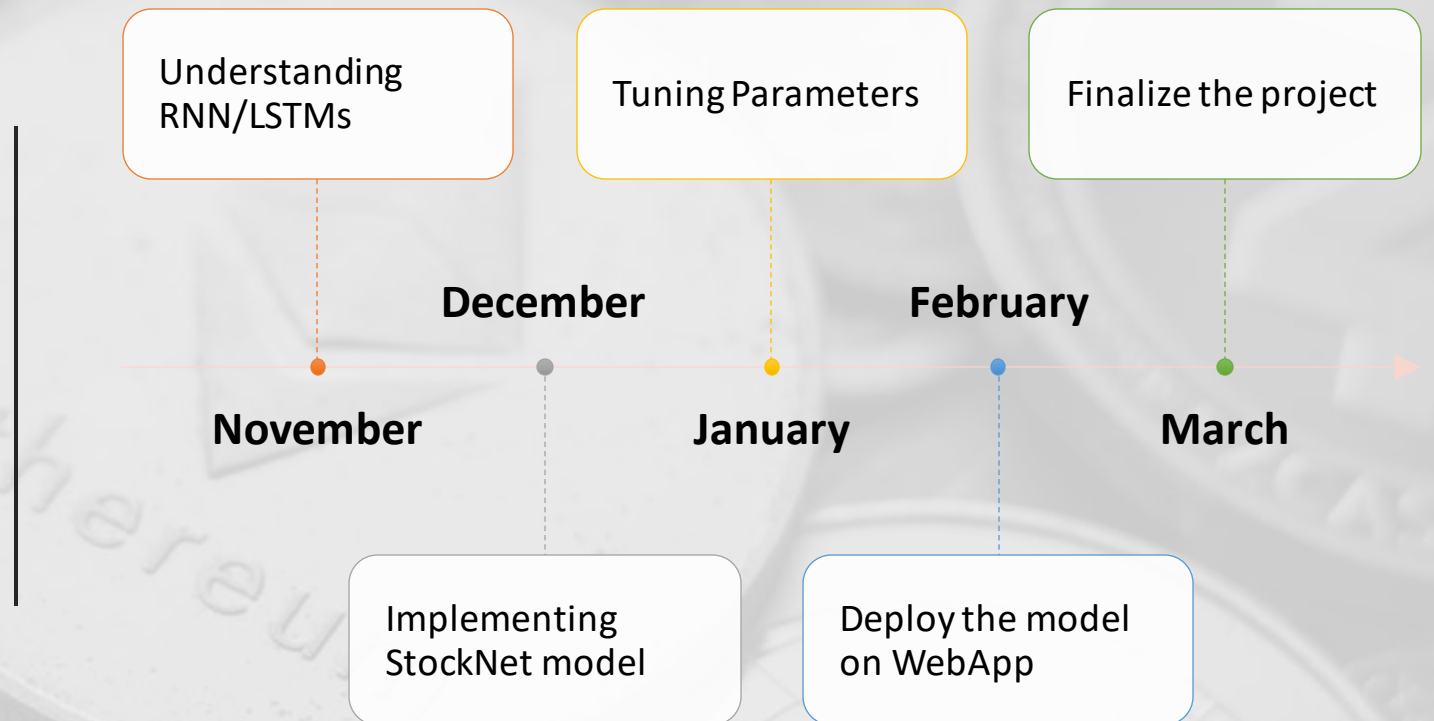
Neural Networks:

Recurring Neural Network / LSTM
Natural Language Processing

Web development

HTML/CSS, JavaScript
React
NodeJS

Approximate Timeline



Pre-requisites

- Working knowledge of Neural Networks.
- Basics of Natural Language Processing(NLP) (optional).
- Familiar with web-development.
- Enthusiasm to learn new.

Thank you!