

Real-time Cryptocurrency Trading Suggestion System **Using Machine Learning**



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Introduction

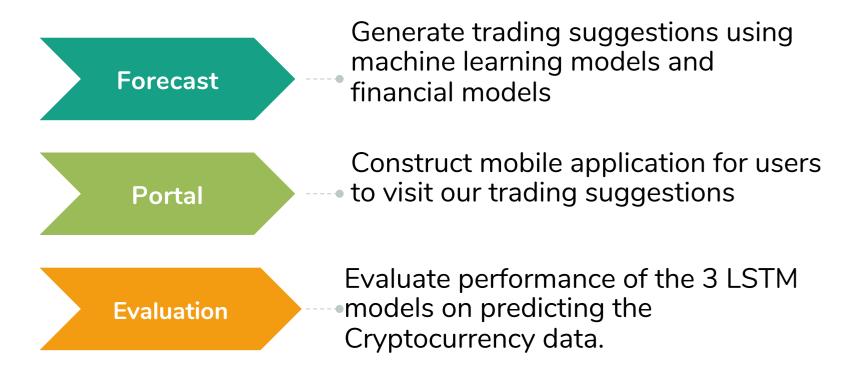
Cryptocurrency have become very popular among investors due to its **high volatility** and **24/7** market which can generate more potential profits than traditional commodities.

This project aims to implement a real-time price prediction mobile portal to seize every opportunity of making profits and reducing loss.





Objectives



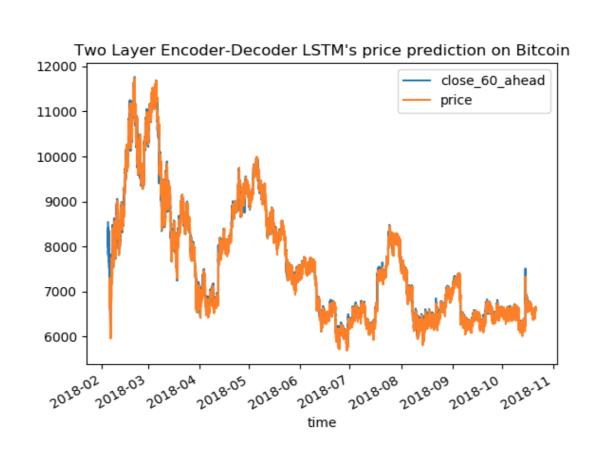
Machine learning Models

3 Types of LSTM models:

Cloud Database

Cyptocurrency Data

- **Encoder-Decoder LSTM**
- Bidirectional Encoder-Decoder LSTM
- Attention-based Encoder-Decoder LSTM



Machine Learning Models Mobile App



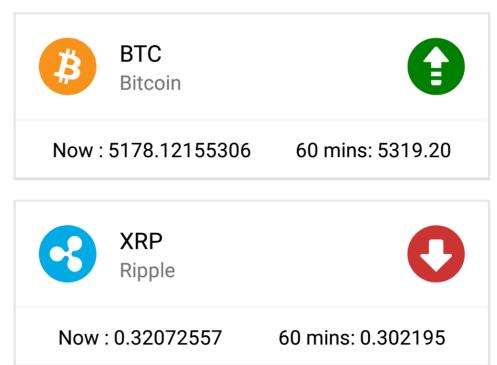


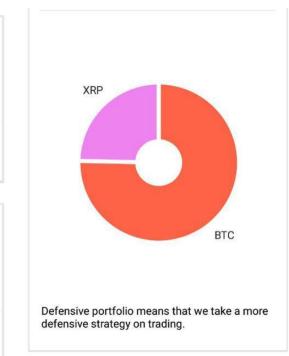


Portal

Financial Models

Web Application





A React Native developed mobile application shows the predicted prices and trading strategies which receiving from our self-developed servers.



Push Notification provides real-time predictions and trading strategies to users' mobile devices without using the mobile application currently