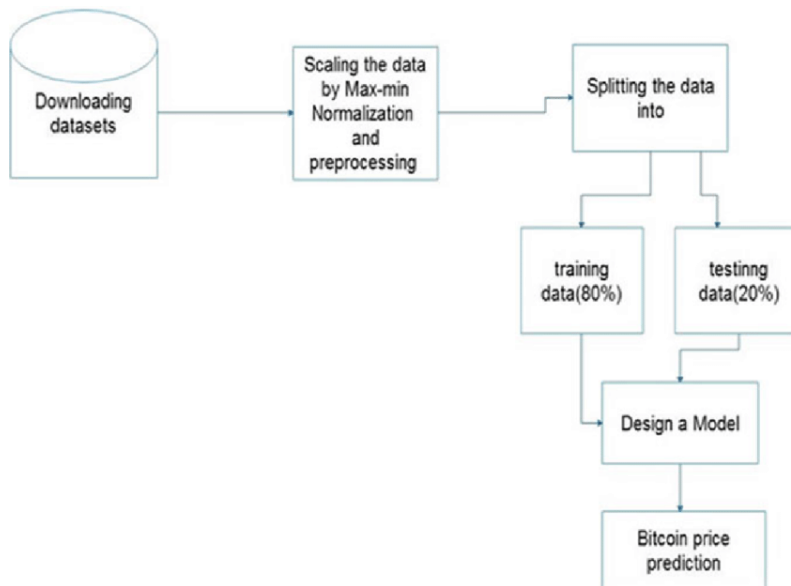


Design Document

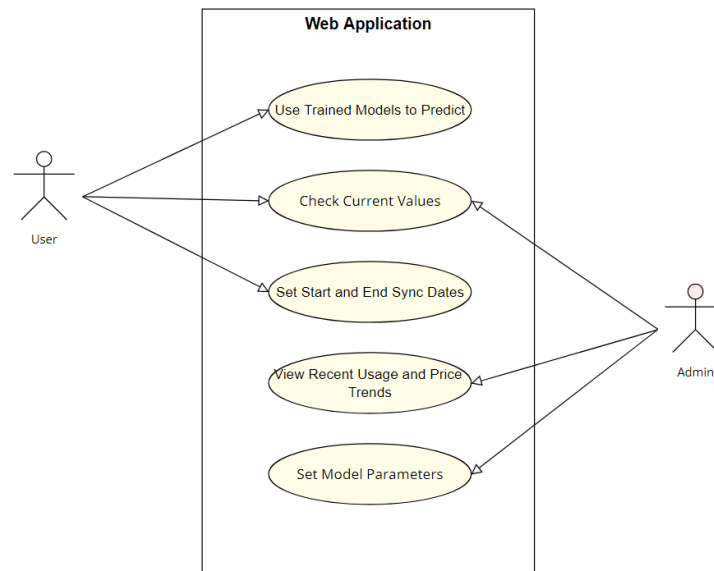
BitPred: A Cryptocurrency Predictor

Kanishka Pandey – E18CSE083

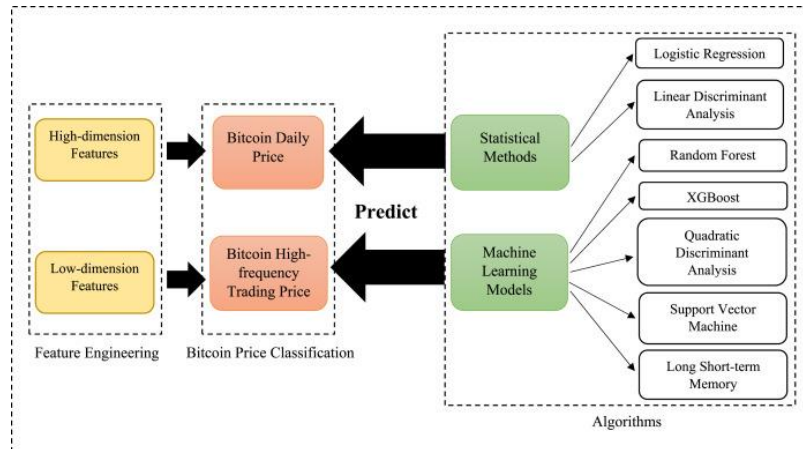
BASIC WORKFLOW FOR MACHINE LEARNING PROBLEMS



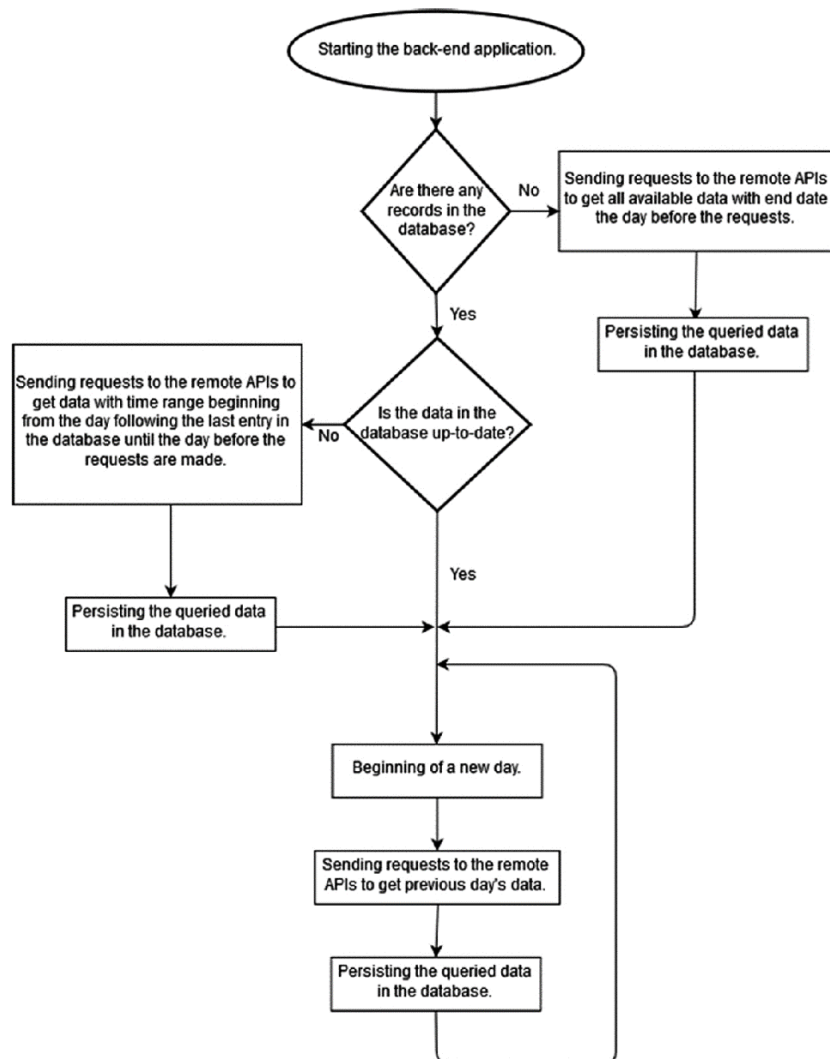
USE CASE DIAGRAM



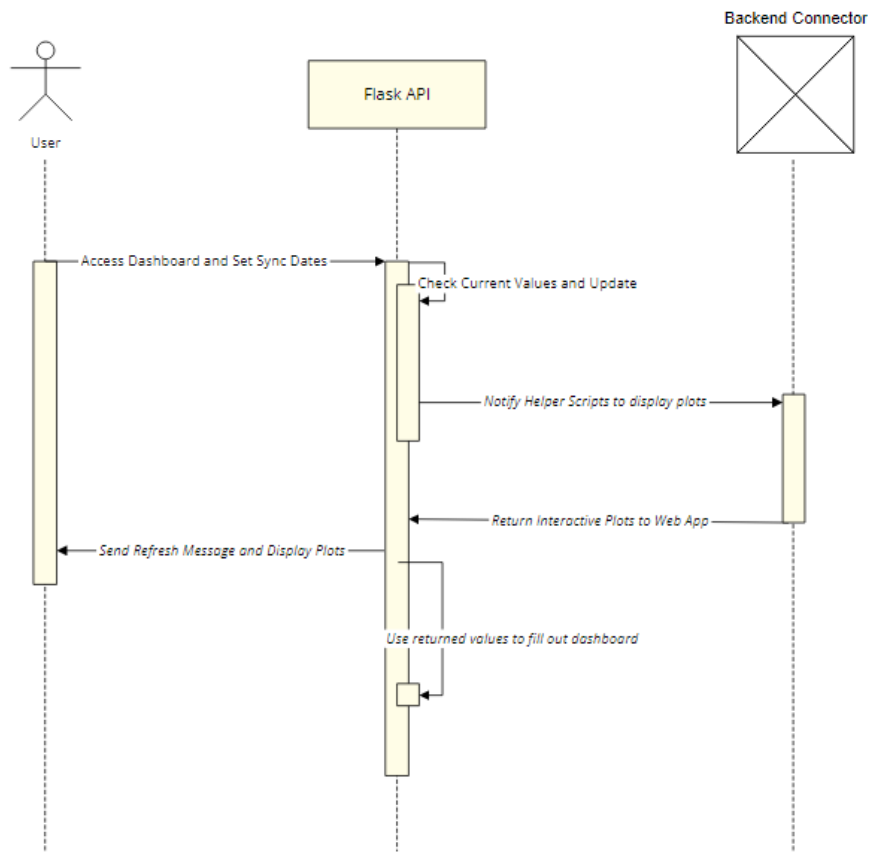
INITIAL APPROACH TESTING



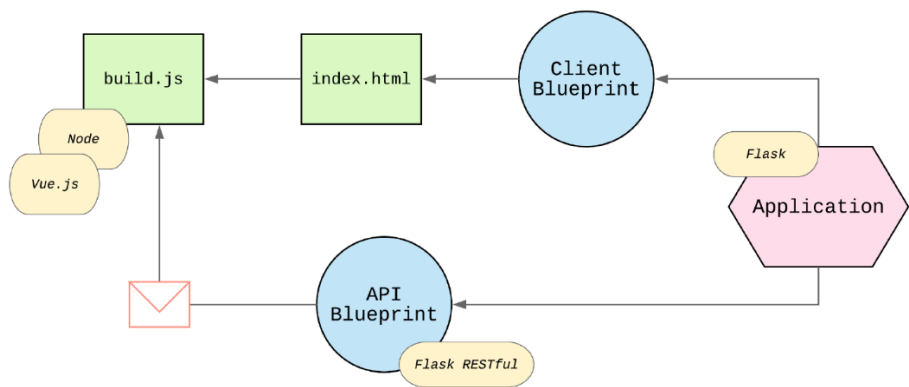
DATA COLLECTION FLOWCHART



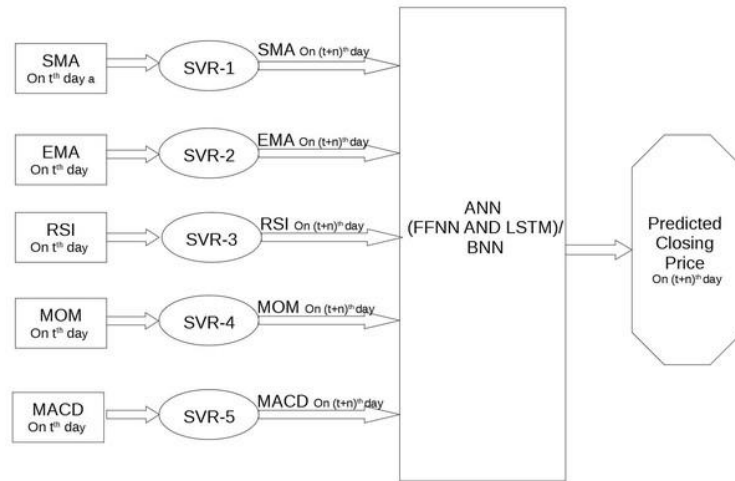
FRONTEND SEQUENCE DIAGRAM



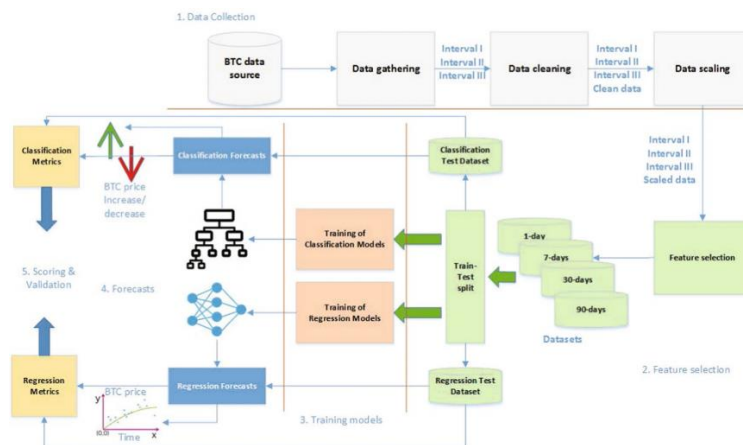
BASIC APPLICATION DIAGRAM



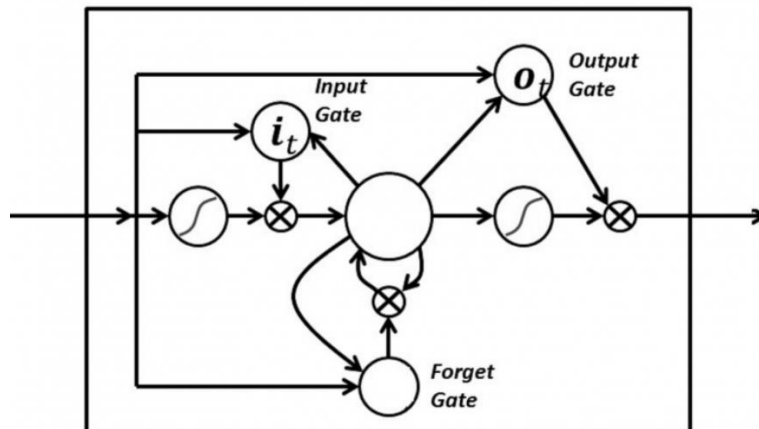
TECHNICAL ANALYSIS FACTORS



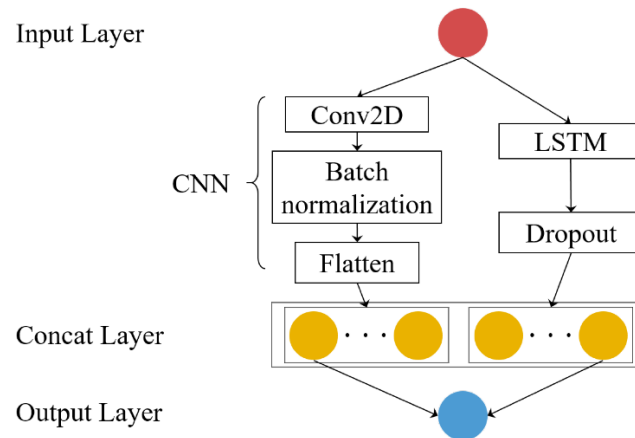
HIGH-LEVEL SYSTEM BLOCK DIAGRAM



SINGLE RNN UNIT



THE STANDARD LSTM MODEL



FRAMEWORK ARCHITECTURE

