# Equity Price Prediction with LSTM

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## I. Definition

### Project Overview

### Problem Statement

To complete the exercise, here’s the steps that I took:

* Explore data –
* Clean data –
  + Outliers:
  + Missing data:
* Prepare data –
* Feature treatments –
* Model selection –

### Metrics

## II. Analysis

### Data Exploration

### Exploratory Visualization

**Target**

**Outliers**

**Missing Data**

**Delete Feature**

**Feature Types Transformed**

**One-hot Features**

**New Features created**

**Features Transformed**

**PCA**

### Algorithms and Techniques

### Benchmark

**III. Methodology**

**Data Preprocessing**

**Target**

**Outliers**

**Missing Data**

**Delete Feature**

.

**Feature Types Transformed**

**One-hot Features**

**New Features created**

**Features Transformed**

**PCA**

### Implementation

### Refinement

### **DecisionTreeRegressor (benchmark)**

### **KNeighborsRegressor:**

## IV. Results

### Model Evaluation and Validation

### Justification

## V. Conclusion

### Free-Form Visualization

### Reflection

### Citation and Sources

**Relevant Files and Folders**