Udacity Machine Learning Nanodegree Program – Final Capstone Project Report

Stock Price Prediction Using Machine Learning

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Quotes

***Warren Buffett - “****Risk comes from not knowing what you are doing.”****Peter Sondergaard –*** *“Information is the oil of the 21st century, and analytics is the combustion engine.”*

***Peter Lynch -*** *"Know what you own and know why you own it."*

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# Definition

### Project Overview

### Problem Statement

### Metrics

# Analysis

### Data Exploration

### Exploratory Visualization

### Algorithms and Techniques

### Benchmark

# Methodology

### Data Preprocessing

### Implementation

### Refinement

# Results

### Model Evaluation and Validation

### Justification

# Conclusion

### Free-Form Visualization

### Reflection

### Improvement