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# Financial Applications of Time Series

## MSDS 7333 - Section 404

## Unit 4: Case Study

[Data Science @ Southern Methodist University](https://datascience.smu.edu/)

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# Team Members

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# Abstract

In this case study, the application of blah blah blah is presented.

# Introduction

Intro paragraph here

Xkcd: Marketwatch[3]

Xkcd: Marketwatch[3]

More intro stuff here

# Literature Review

Literature review stuff here

|  |  |
| --- | --- |
| Symbol | Description |
|  | Represents the expected portfolio return |
|  | Represents the risk free rate |
|  | Represents the portfolio’s standard deviation |

# Background

### Import Dataset

Variable names and their descriptions for the dataset are displayed below:

|  |  |
| --- | --- |
| Company | Stock Ticker |
| Tesla, Inc. | TSLA |
| American Airlines | AA |
| International Business Machines Corp. (IBM) | IBM |
| General Electric (GE) | GE |
| Advanced Micro Devices, Inc. (AMD) | AMD |
| Cisco | CSCO |
| Amazon | AMZN |
| JPMorgan Chase & Co. | JPM |

Transition to data importation

print("Code goes here!")

## [1] "Code goes here!"

### Summary Statistics

The summary statistics for each company are found below:

print("Summary stats code goes here!")

## [1] "Summary stats code goes here!"

# Methods

Explain below code for methods

print("methods section code goes here!")

## [1] "methods section code goes here!"

# Results

Results paragraph here

# Future Work, Discussion, and Conclusion

Paragraph 1

Paragraph 2

Paragraph 3

Paragraph 4

# References

1. Nolan and lang
2. Blah blah
3. Dummy reference