

# Untitled8

May 15, 2024

Final Project Summary Data Collection and Tools: Data Source: We downloaded a CSV document from an online source, which provided the necessary data for our analysis.

Data Retrieval: We used the yfinance library to pull data, utilizing multiple online resources such as GeeksforGeeks, Stack Overflow, and Medium articles for guidance.

Class Notes: We incorporated insights from class notes and engineering classes to support our project development. Alpha Factors: We used the table provided with Berry Cox's list of alpha factors for our analysis.

Software and Libraries: Jupyter Notebook: We chose Jupyter Notebook for its accessibility and user-friendly interface. Libraries Used: We used the following Python libraries: yfinance for data retrieval numpy for numerical operations pandas for data manipulation matplotlib.pyplot for data visualization seaborn for statistical data visualization Challenges with PyCharm: We experienced difficulties using PyCharm on our MacBook, which led us to prefer Jupyter Notebook for this project.