API Keys

Nasdaq

NASDQ\_API\_KEY = “T28v7Fb9pzDzxrJQnSjX”

4Zj1AyKzWq9GDzcuYnKc

Alpaca

Alapaca\_API\_KEY = PKKO1WEC1MA50RYP7H8A

Alpaca\_Secret\_Key = 4SksHpDhCZHzhrZaKzRuOUMvmAPnAHihkFH5AcNQ

How to Setup for Use

Import Libraries and Dependencies

# Import the required libraries and dependencies

import os

import requests

import pandas as pd

from dotenv import load\_dotenv

import alpaca\_trade\_api as tradeapi

load the variables from the environment file into the Jupyter notebook

# Load .env environment variables

load\_dotenv()

# Set Alpaca API key and secret

alpaca\_api\_key = os.getenv("ALPACA\_API\_KEY")

alpaca\_secret\_key = os.getenv("ALPACA\_SECRET\_KEY")

Now Connect to Alpaca

# Create the Alpaca API object

alpaca = tradeapi.REST(

alpaca\_api\_key,

alpaca\_secret\_key,

api\_version="v2")

set variables for the start and end dates

# Format current date as ISO format

start\_date = pd.Timestamp("2020-06-01", tz="America/New\_York").isoformat()

end\_date = pd.Timestamp("2020-06-05", tz="America/New\_York").isoformat()

create a list of the tech companies

# Set the tickers

tickers = ["FB", "TWTR"]

define the time frame of the stock data

# Set timeframe to one day ('1Day') for the Alpaca API

timeframe = "1Day"

call that gathers the current closing prices

# Get current closing prices for FB and TWTR

df\_portfolio = alpaca.get\_bars(

tickers,

timeframe,

start = start\_date,

end = end\_date

).df

# Display sample data

df\_portfolio