Data\_Analysis\_Interface(ABC)

“””This is an interface for the acquisition, analysis, and storage of data”””

@abstractmethod scrape\_web()

“””Scrape web”””

@abstractmethod store\_data()

“””Store data”””

@abstractmethod analyze\_data()

“””Analyze data”””

@abstractmethod store\_analysis()

“””Store analyzed data”””

Companies(Data\_Analysis\_Interface)

“””This class handles data acquisition, data analysis, and data storage related to companies”””

scrape\_web()

“””Scrape web”””

store\_data()

“””Store data”””

analyze\_data()

“””Analyze data”””

store\_analysis()

“””Store analyzed data”””

get()

“””Get functions”””

News(Data\_Analysis\_Interface)

“””This class handles data acquisition, data analysis, and data storage related to recent news”””

scrape\_web()

“””Scrape web”””

store\_data()

“””Store data”””

analyze\_data()

“””Analyze data”””

store\_analysis()

“””Store analyzed data”””

get()

“””Get functions”””

Portfolios(Data\_Analysis\_Interface)

“””This class handles data acquisition, data analysis, and data storage related to top performing

stock portfolios”””

scrape\_web()

“””Scrape web”””

store\_data()

“””Store data”””

analyze\_data()

“””Analyze data”””

store\_analysis()

“””Store analyzed data”””

get()

“””Get functions”””

Report

“””This class creates relevant company stocks for stock market investment”””

create\_report()

“””Create a report”””

save\_report()

“””Save the report”””

get()

“””Get functions”””

Stock\_Tracker

“””This class tracks and sends daily reports on specific stocks using web scraping”””

grab\_stocks()

“””Grab stocks from the ‘Stock\_Watchlist.txt’ watchlist document’’’

generate\_report()

“””Format data into readable and stylized report”””

send\_report()

“””Send the report”””