Data\_Transition\_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\_Transition\_Interface)

‘’’This class handles data acquisition, data analysis, and data storage related to companies'''

scrape\_web()

‘’’Scrape web’’’

analyze\_data()

‘’’Analyze data’’’

store\_analysis()

‘’’Store analyzed data’’’

News(Data\_Transition\_Interface)

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

scrape\_web()

‘’’Scrape web’’’

analyze\_data()

‘’’Analyze data’’’

store\_analysis()

‘’’Store analyzed data’’’

Portfolios(Data\_Transition\_Interface)

'''This class handles data acquisition, data analysis, and data storage related to top performing stock portfolios'''

scrape\_web()

‘’’Scrape web’’’

analyze\_data()

‘’’Analyze data’’’

store\_analysis()

‘’’Store analyzed data’’’

Report

'''This class creates relevant company reports for stock market investment'''

create\_report()

‘’’Create a report’’’

save\_report()

‘’’Save the report’’’

Stock\_Tracker

‘’’This class tracks and sends daily reports on specific stocks using web scraping’’’

grab\_stocks()

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

generate\_report()

‘’’Format data into readable and stylized report’’’

send\_report()

‘’’Send the report’’’