PandasProject

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API Endpoint for S&P500 companies — https://dimon.ca/api/snp500

Request OK?
- YES → Parse data for follwing segments: Consumer Discretionary , Consumer Staples,Financials,Health Care,Industrials, Energy??
- NO → Something's wrong (temporary issue)

Select 5 company each from this segment (how??)

For each segment: For each company within the segment call this API to collect the information:

API Endpoint for Sector https://www.alphavantage.co/query?function=SECTOR&apikey=demo

API Endpoint to get time series for each of the stock within each of this sector

Something's wrong (temporary issue) → Return code 5xx → Try again or contact support

Request OK? (left)
- No
- Yes → Join the data...

Request OK? (right)
- No
- Yes → Join the data from both the API's on the same time series. The do the analysis as asked. Time series = Financial meltdown?? Covid-19 phase etc....

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End