

1. Select an API of your choice. Make at least 10 requests to this API with different querying values. For example, you could look up the weather information for 10 different cities or the stock price information for 10 different companies.

On each request the API must return at least 5 pieces of information. E.g. if you are using a weather API, the API may return the max temperature, min temperature, rainfall amount, humidity, UV index for each city.

Store the values returned for each request in a pandas data frame. That is, the data frame would have at least 5 columns (one for each category of data provided by the API) and at least 10 rows.

Print the description statistics for the data frame.

Export the data frame to a csv file.

Submit your code, csv file, and a one page report explaining how your analysis would be helpful towards solving a related problem. For example, if you choose to use a weather API, you should comment about how the weather information obtained would be helpful to wedding planners, farmers, etc.

Due: Saturday, December 5th 2020 11:59 PM