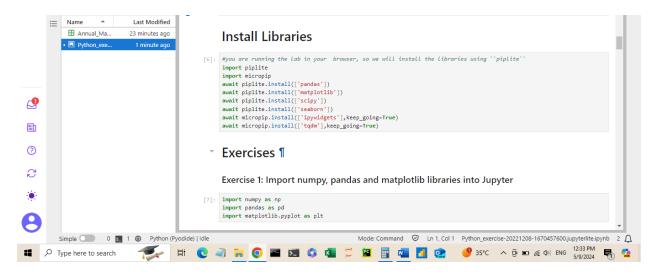
Python Exercise for Introductory Data Analysis

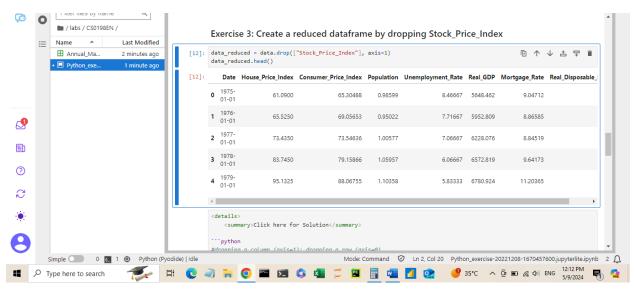
Exercise 1: Import numpy, pandas and matplotlib libraries into Jupyter



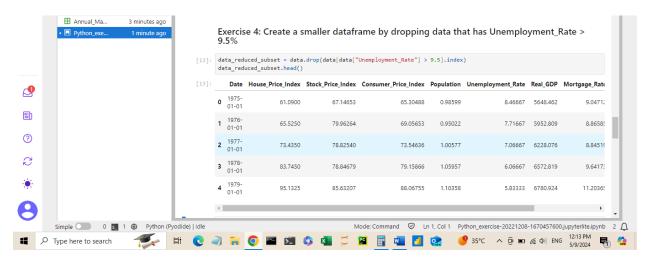
Exercise 2: Create a dataframe from a csv file and display the size of the dataframe



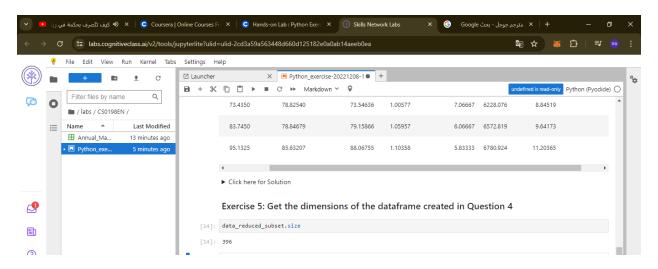
Exercise 3: Create a reduced dataframe by dropping Stock_Price_Index



Exercise 4: Create a smaller dataframe by dropping data that has Unemployment_Rate > 9.5%



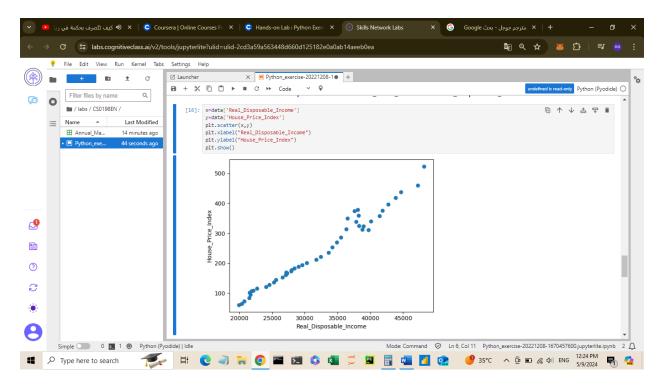
Exercise 5: Get the dimensions of the dataframe created in Question 4



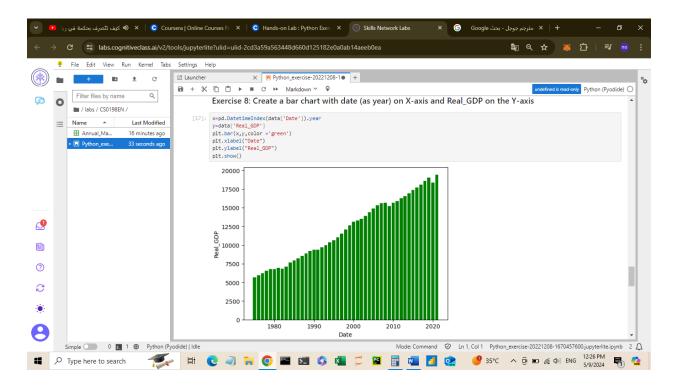
Exercise 6: Create a dataframe by selecting Real_Disposable_Income and House_Price_Index attributes from the original dataset and print out the statistics for these attributes



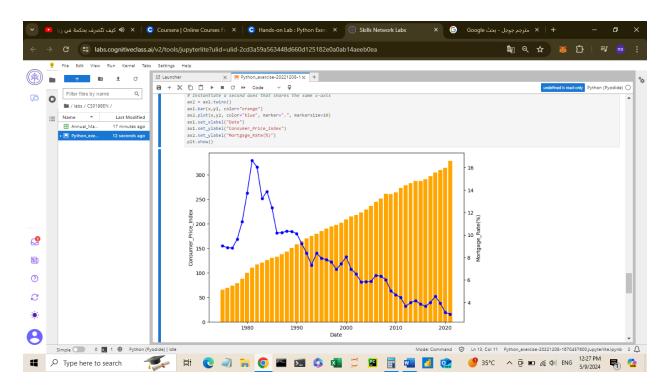
Exercise 7: Plot a scatter plot between House_Price_Index and Real_Disposable_Income



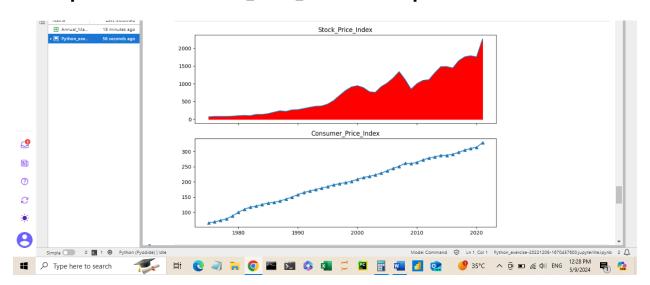
Exercise 8: Create a bar chart with date (as year) on X-axis and Real_GDP on the Y-axis



Exercise 9: Create a combo chart with date on X-axis and Consumer_Price_Index on Y1-axis (bar) and Mortgage_Rate (line) on Y2-axis



Exercise 10: Create sub-plots with Date on X-axis and Stock_Price_Index on subplot 1 and Consumer_Price_Index on subplot 2



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