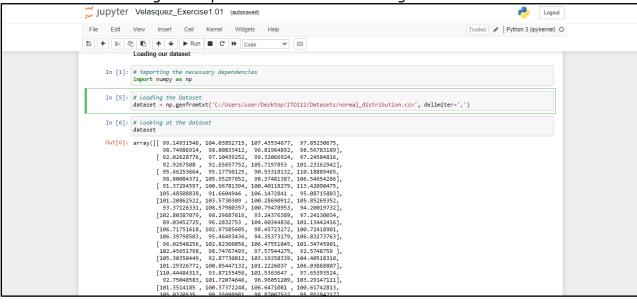
Laboratory Exercises #1

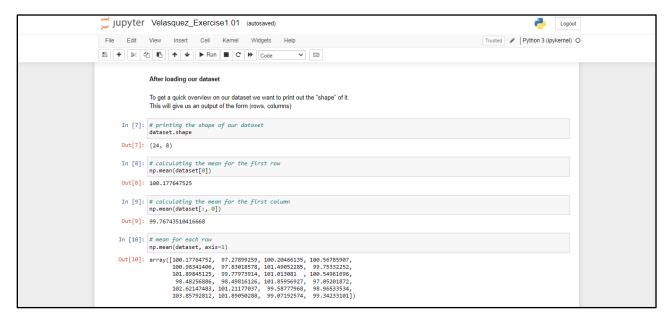
Name Clint Joshua O. Velasquez

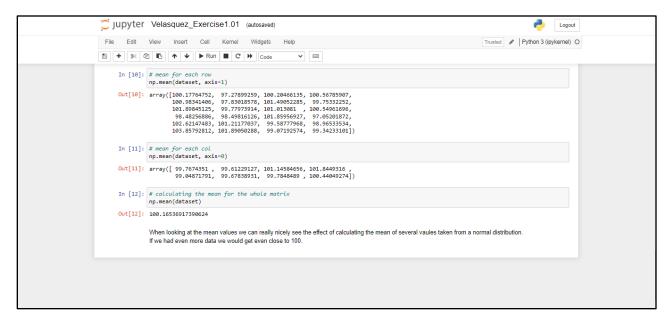
Perform the following exercises. Screenshot your output. Submit in pdf format.

Source Code Link: https://github.com/kiyojiii/ITD112

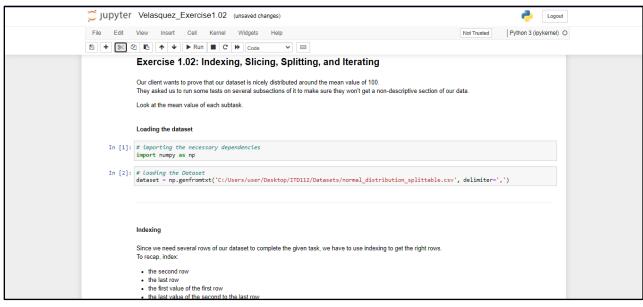
Exercise 1.01: Loading a Sample Dataset and Calculating the Mean

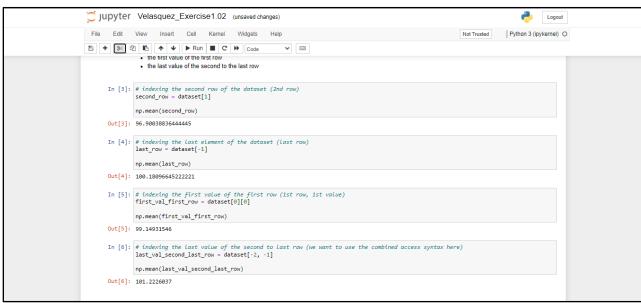


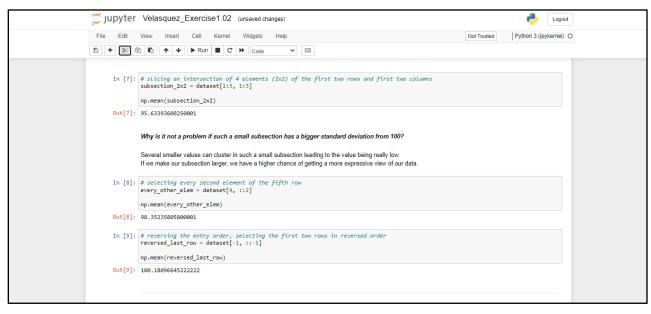


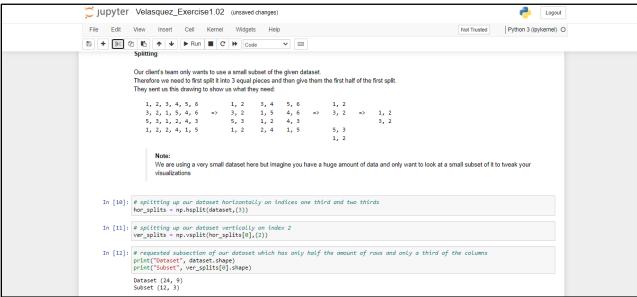


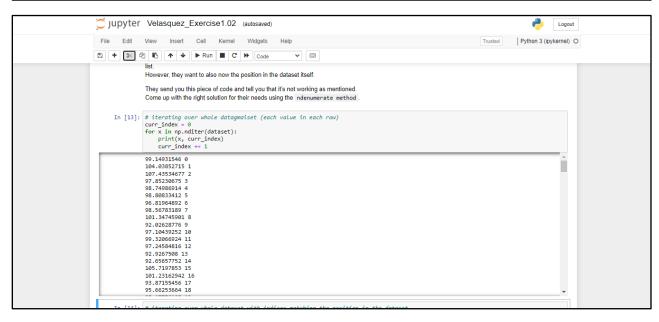
Exercise 1.02: Indexing, Slicing, Splitting, and Iterating

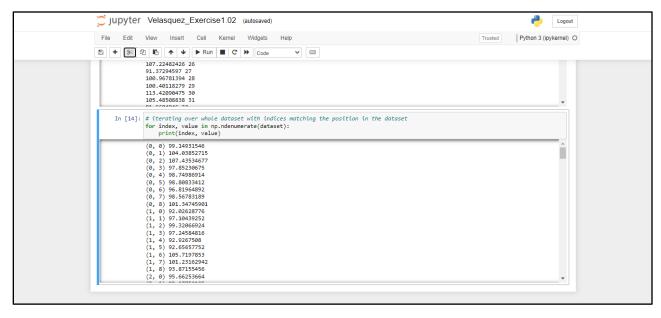




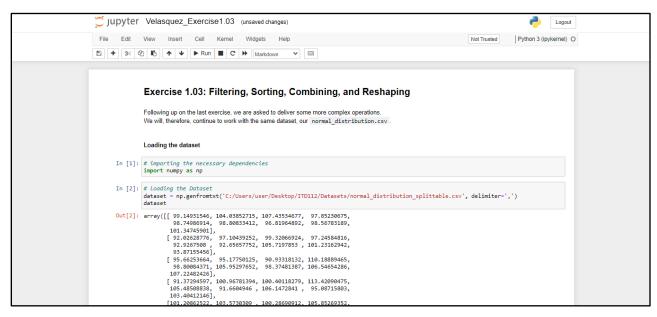


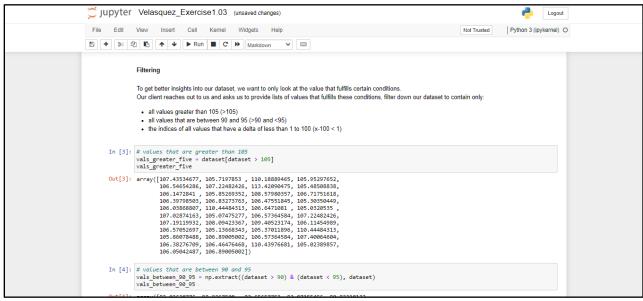


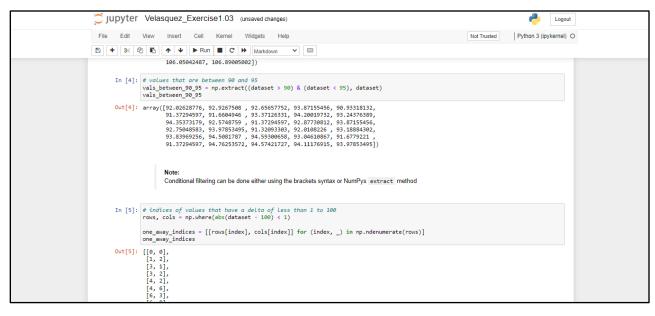


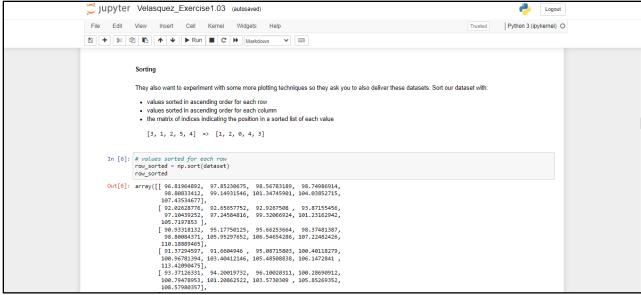


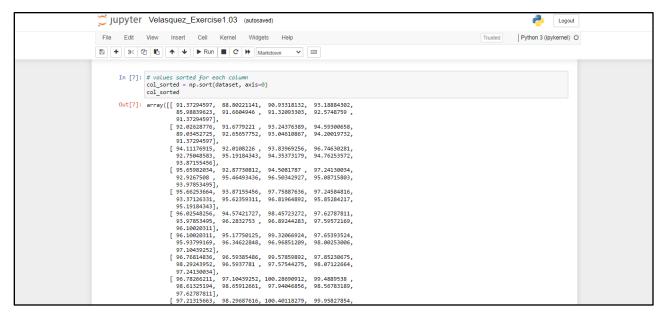
Exercise 1.03: Filtering, Sorting, Combining, and Reshaping

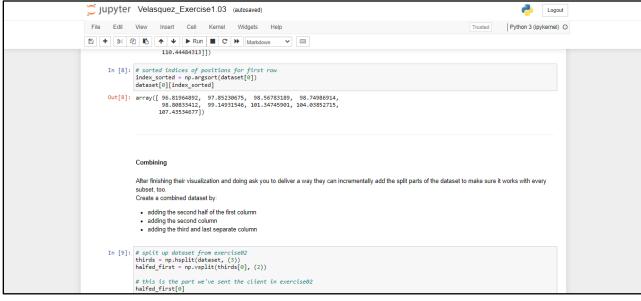


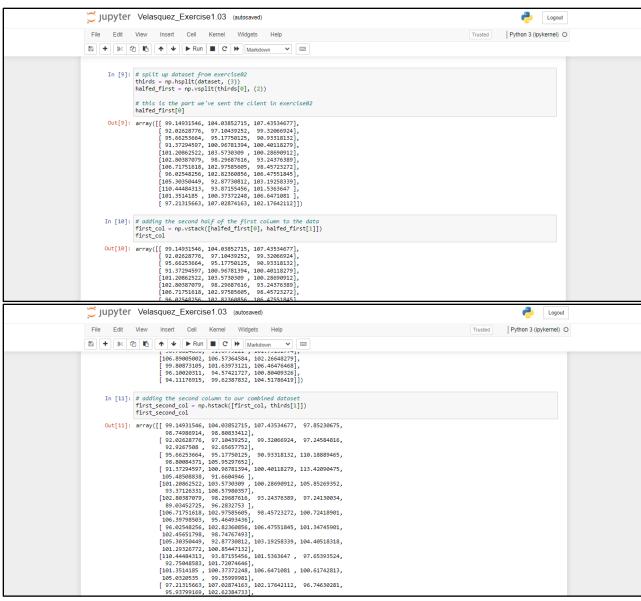


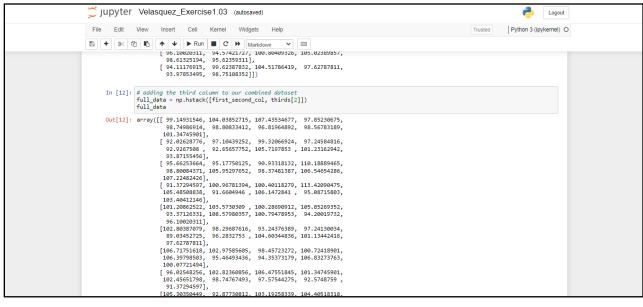


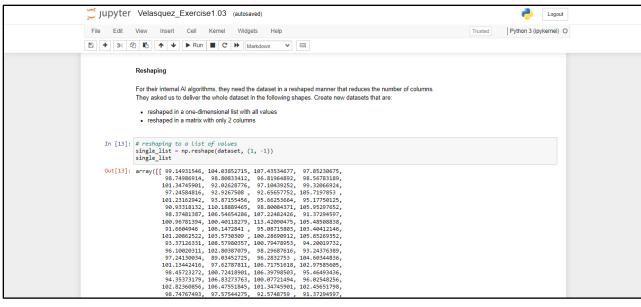


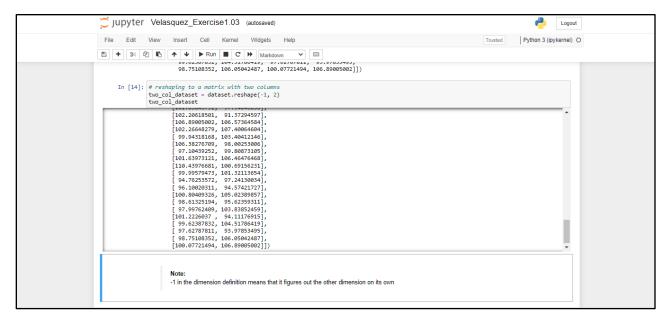




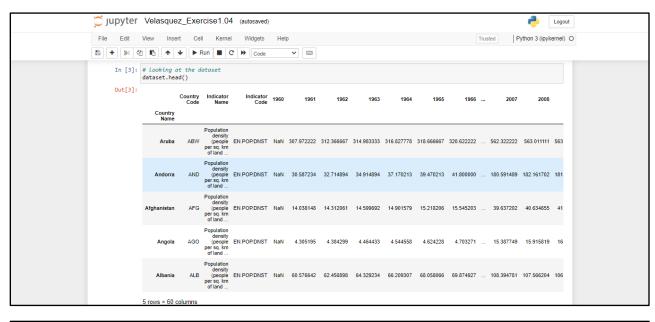


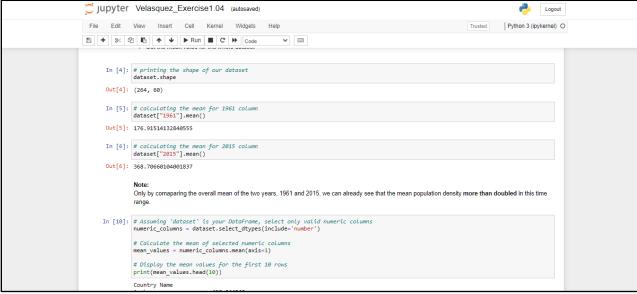




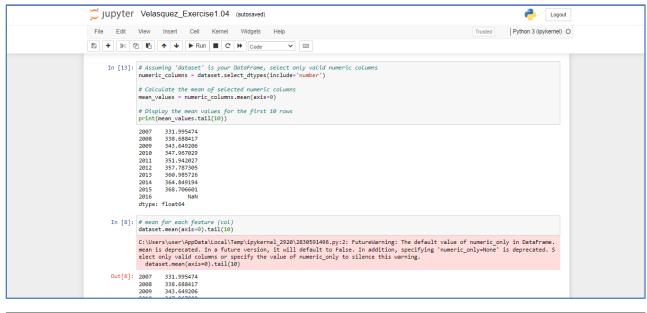


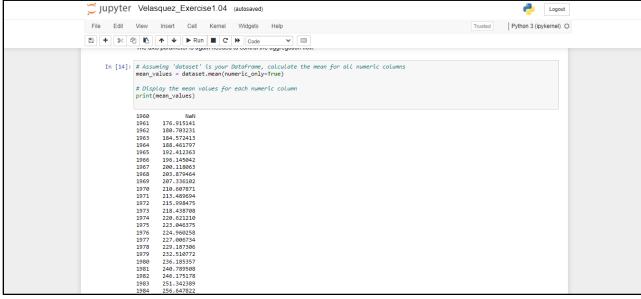
Exercise 1.04: Loading a Sample Dataset and Calculating the Mean

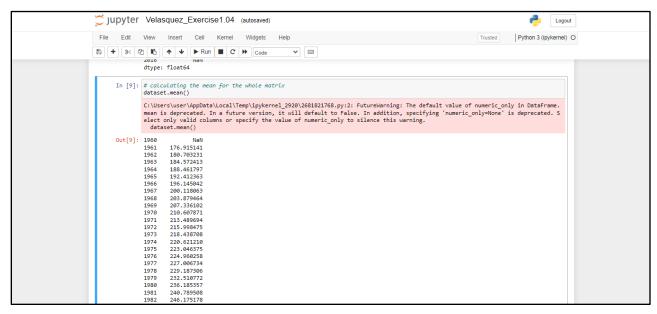




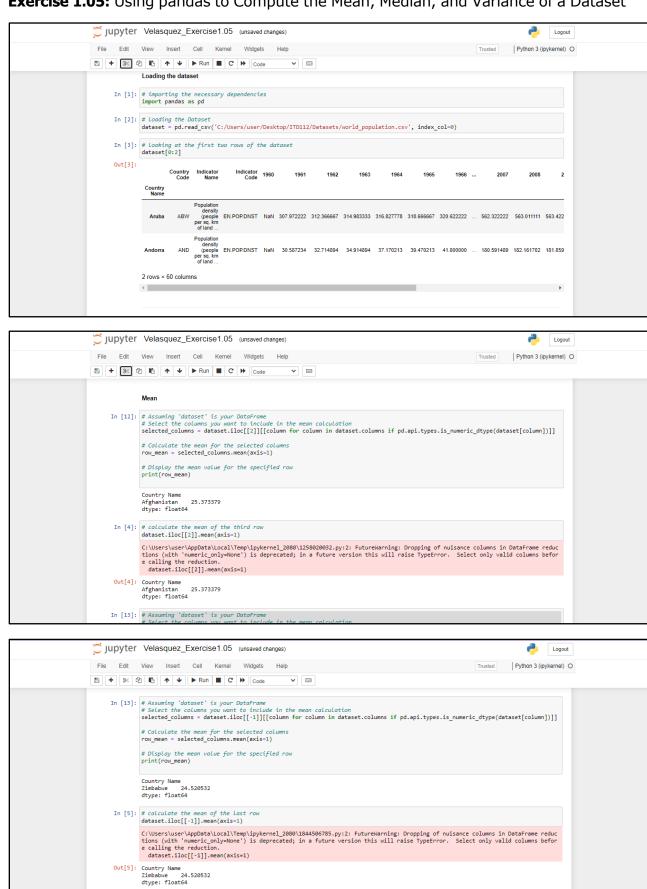




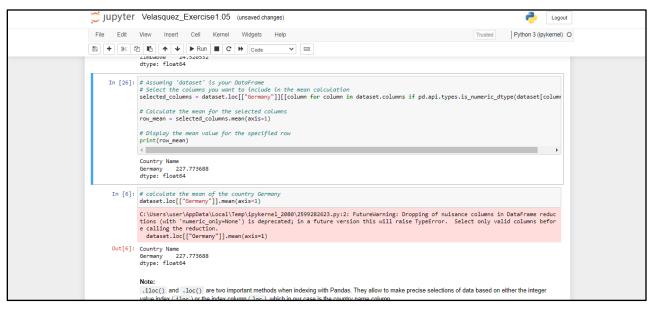


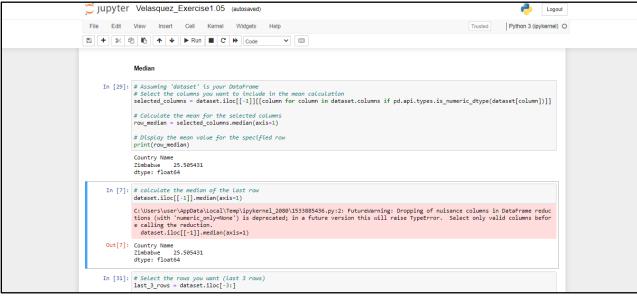


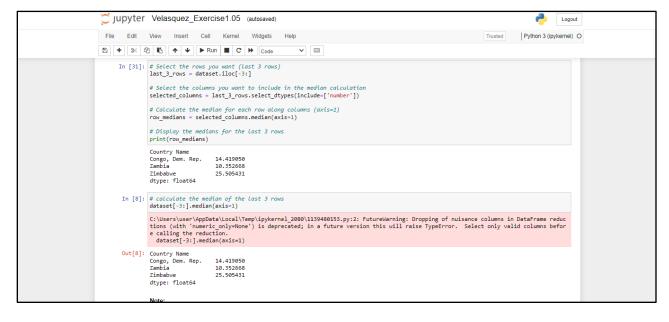
Exercise 1.05: Using pandas to Compute the Mean, Median, and Variance of a Dataset

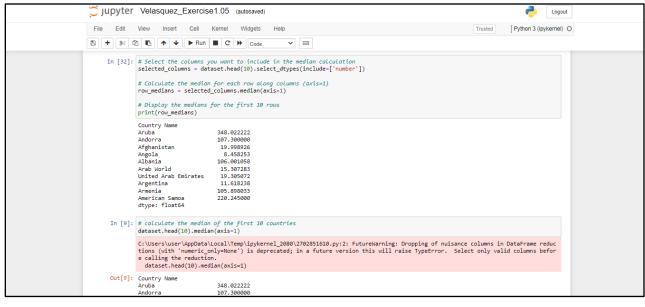


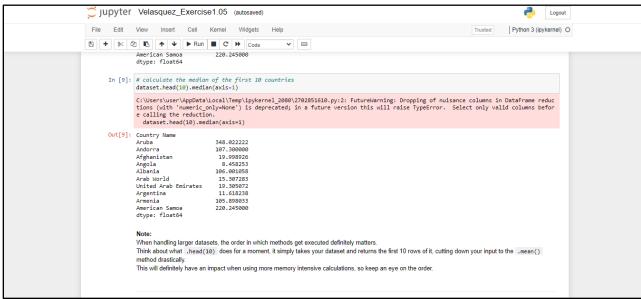
In [26]: # Assuming 'dataset' is your DataFrame
Select the columns you want to include in the mean calculation
selected_columns = dataset.loc(["Germany")]][[column for column in dataset.columns if pd.api.types.is_numeric_dtype(dataset[column

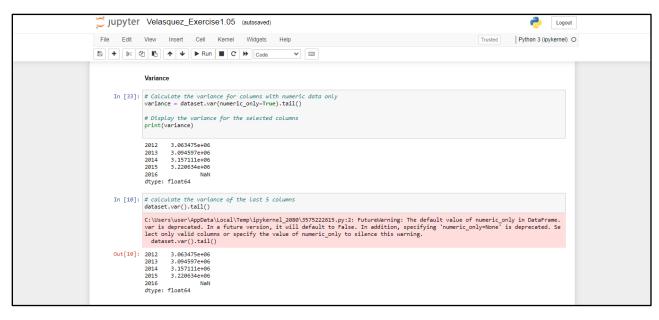


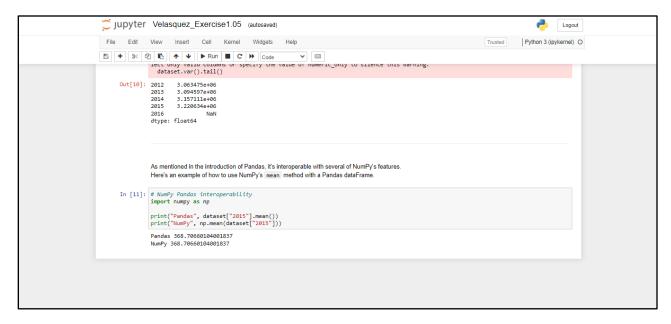




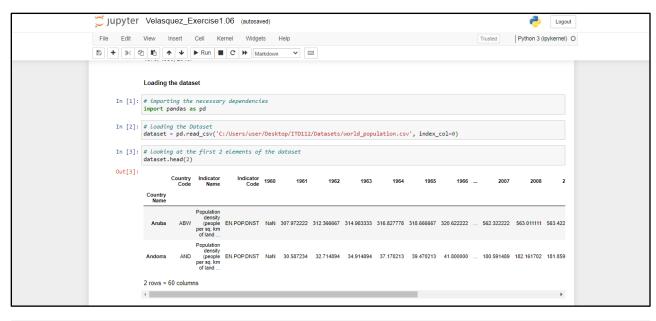


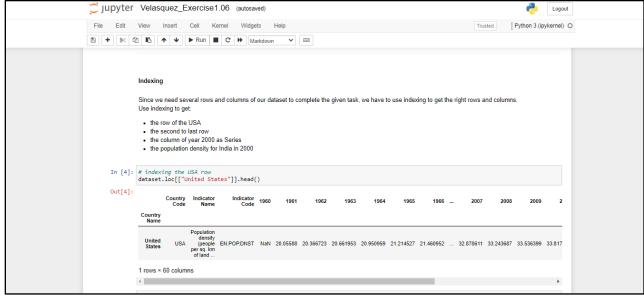


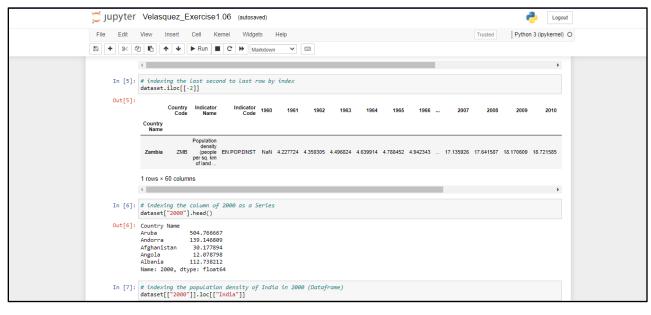




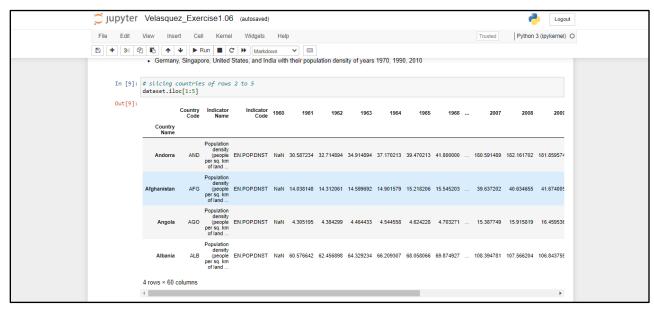
Exercise 1.06: Indexing, Slicing, and Iterating Using pandas

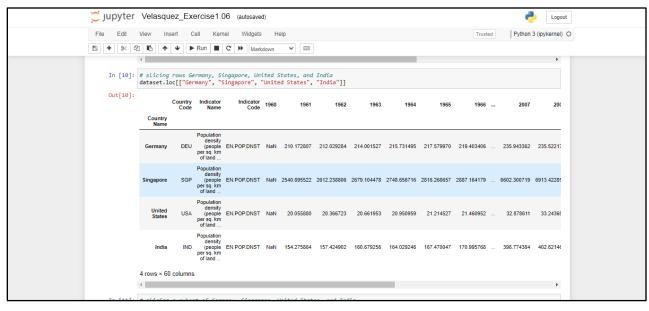


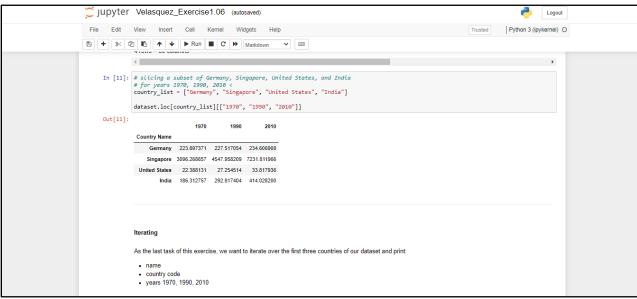


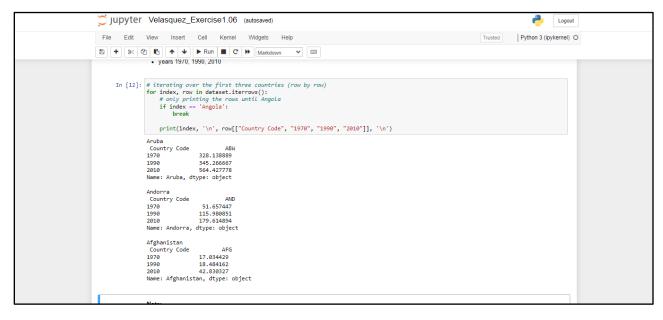












Exercise 1.07: Filtering, Sorting, and Reshaping

