

## Programming Problem Set #5

- 1) Write a program called `pruner_pd.py` that reads in the `baby_names.txt` JSON file and stores it in a pandas DataFrame.

Store data in the DataFrame with the column headers `Name` and `Count`. Each row should just have a row number (no labels). You will probably need to wrangle the data into shape before placing it into a DataFrame.

Once your data is in a DataFrame, you should then

- Remove all names that contain the letter "v"
- Remove any instances of the following names: ["Gary", "Aaron", "Luke", "Winston", "Avery"]
- Remove any names with a count of "28".
- Add the name "Ron" with a count of "5"
- Print the resulting DataFrame to the console. The expected output is shown in `pruner_pd.txt`.

- 2) Write a program called `deniro_pd.py` that reads in the comma separated file `deniro.csv`. The data should be stored in a DataFrame under the column headers used in the CSV file: `Year`, `Score` and `Title`. The result of printing the DataFrame is in the sample output file: `deniro_df.txt`.

Print the score for Heat. You should see the following:

	Year	Score	Title
39	1995	86	Heat

Print all the movies from 1992. You should see the following:

	Year	Score	Title
32	1992	87	Thunderheart
33	1992	67	Night and the City