CSE 5345/7345

Due: Sunday Sep 16

Quest 4. Pandas I

Review the PandaBasics101 Jupyter (PDF) notebook with the following sections:

1. DataFrames – creating
2. Creating new columns and rows
3. Selection and Slicing
4. Get and set single values
5. Sorting
6. Dropping Values (Cleaning up data)
7. GroupBy
8. Plotting
9. DataFrame to JSON

DO:

- Explore the Pandas documentation and come up with 5 examples (or more) not listed in PandaBasics101.
    - short and to the point is good
- Provide the category for your examples.
- You may create your own category if not included above.
    - Styling output with Panda style methods
    - Working with Series
- Submit as a **text file** that can be easily added to PandaBasics101.
- Entries selected for inclusion into the next version of PandaBasics101 will receive extra credit.
- The file should be of a form suitable for cutting and pasting into a Jupyter notebook, for example

```
# category: <category name>
## Subheading Description
<other info>
<code>
<output>
```

Do not simply paste from a Jupyter notebook since that is not easily pasted back in to a notebook.

Note:

PandaBasics101 will be the basis for online quiz also due Sep 16.