

## Taking Notes on DataCamp Material

One thing I've been finding challenging about DataCamp is absorbing all the information that is being presented, which sounds like to be an issue a lot of us are struggling with. One thing I have found useful is to take notes during the videos that allow me to make my own personal cheatsheets. Even though by doing this it extends the time needed to complete that specific topic by a significant amount, I find that I have a better understanding of the material. By creating my personal cheatsheet, I find searching for a specific way of doing something in python is easier to find versus trying to look back through all the DataCamp slides. One of the main reasons I decided to make my own cheatsheets was that when I was looking at an example from the DataCamp slides or using another cheatsheet that is provided from the internet, I was finding it a little bit confusing to either remember what was what from a DataCamp example or how a line of code is written up on a cheatsheet.

By taking notes you're able to customize each part of the line of code in a format that you can remember and can be more useful for how you learn.

Here is an example from DataCamp that I have changed into a format that I would put on my cheatsheet.

```
fig, ax = plt.subplots()
ax.plot(seattle_weather["MONTH"],
        seattle_weather["MLY-TAVG-NORMAL"],
        marker="v", linestyle="None")
plt.show()
```

Note: Code taken from Chapter 1: Introduction to Data Visualization with Matplotlib from Introduction to Data Visualization with Matplotlib created by DataCamp

### *My Version*

```
ax.plot(< DATAFRAME >["< COLUMN >"], < DATAFRAME >["< COLUMN >"], linestyle="None")
```

Notice that I've changed the name of the dataframe `seattle_weather` to a generic place holder of `< DATAFRAME >` and have also done that with the columns. I have removed parts of the code that I have already made notes on to save space as well to put focus on the specific piece of the code, in this example it would be `linestyle="None"`.

I have included a typed up version on my notes from the DataCamp on Matplotlib so you have an example of what I cut out from the slides throughout the whole course. Also feel free to use these notes as a cheatsheet for Matplotlib but be aware that these were written up as my personal notes so there might be typos that I have missed or the formatting might not make perfect sense to you. If you do decide to use these notes as a resource and have any questions please let me know.