Data Science with Python Module 5

Hands On - 8

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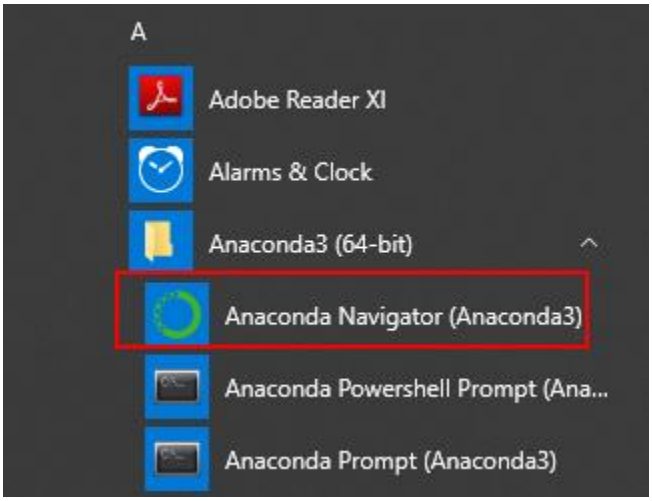
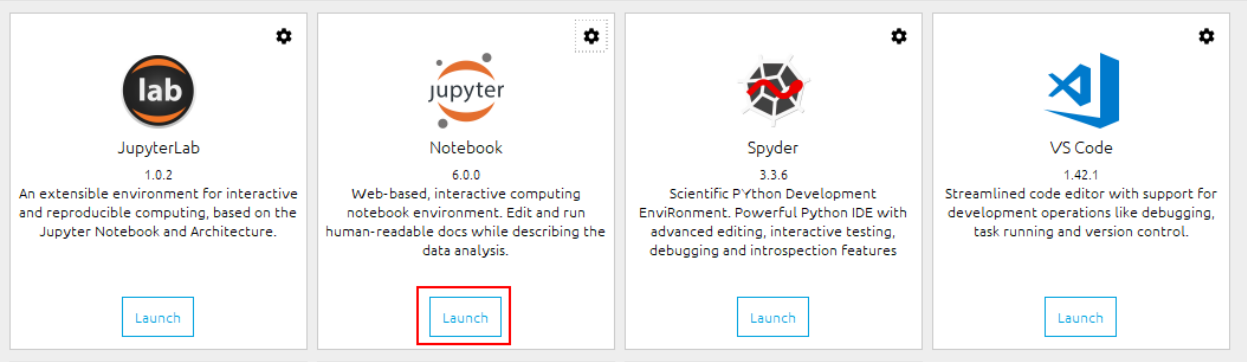
Data Science with Python Module 5: Hands-on: 8

Create different plots with different colormaps

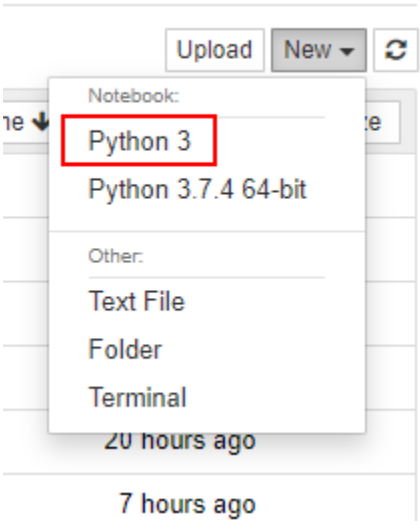
Step 1: Open Anaconda Navigator



Step 2: Click on Launch button under jupyter notebooks.



Step 3: After the notebook opens click on new and Python 3.



Step 4: Import matplotlib.pyplot and seaborn by typing the following code in the notebook and run it by pressing shift + enter

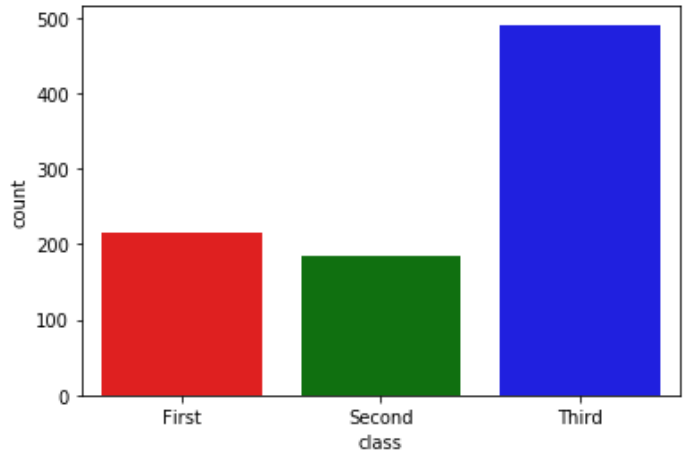
```
In [1]: import matplotlib.pyplot as plt
        import seaborn as sns
```

Step 5: Run this code to load the titanic dataset that comes with seaborn.

```
In [10]: titanic = sns.load_dataset("titanic")
```

Step 6: Run the following code to create a count plot with custom color palette.

```
In [15]: sns.countplot(x="class", data=titanic, palette=['red', 'green', 'blue'])
Out[15]: <matplotlib.axes._subplots.AxesSubplot at 0x26c2d030898>
```



Step 6: Run the following code to create a count plot that uses a built in color palette.

```
In [16]: sns.countplot(x="class", data=titanic, palette="Blues")
Out[16]: <matplotlib.axes._subplots.AxesSubplot at 0x26c2cd5d240>
```