



## Data Science with Python Module 5

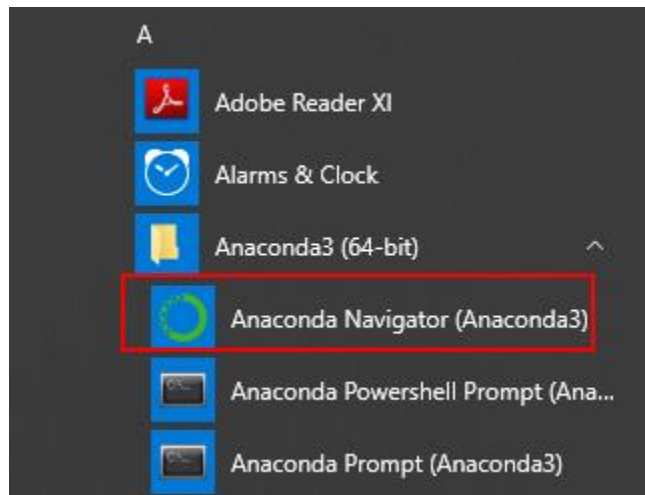
### Hands On - 4

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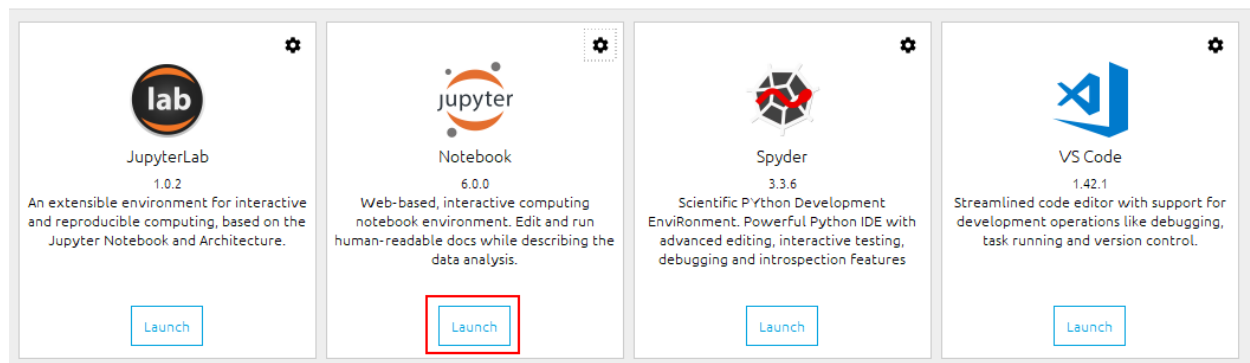
## Data Science with Python Module 5: Hands-on: 4

Create a plot with different fonts for labels and title

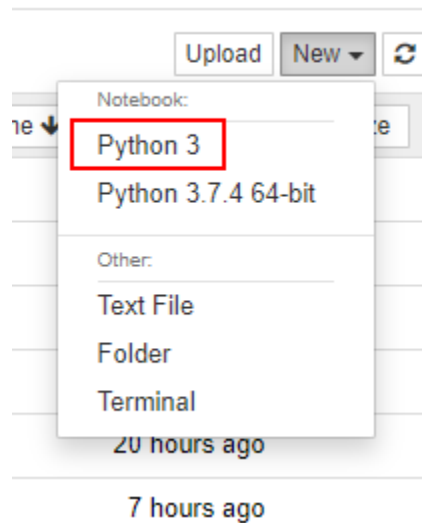
**Step 1:** Open Anaconda Navigator



**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 by typing the following code in the notebook and run it by pressing shift + enter

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

**Step 5:** Run the following code to create a plot with a title, xlabel and ylabel with different fonts.

```
In [22]: # Fonts
plt.title("Cube of Numbers from 0 to 9", fontname='Comic Sans MS', fontsize=18)
plt.xlabel("Numbers from 0 to 9", fontname='Arial', fontsize=12)
plt.ylabel("Cube of numbers on x axis", fontname='sans-serif', fontsize=12)

plt.plot([x * x * x for x in range(0, 10)], 'cyan', marker='P')
```

Out[22]: [<matplotlib.lines.Line2D at 0x25b0560a240>]

