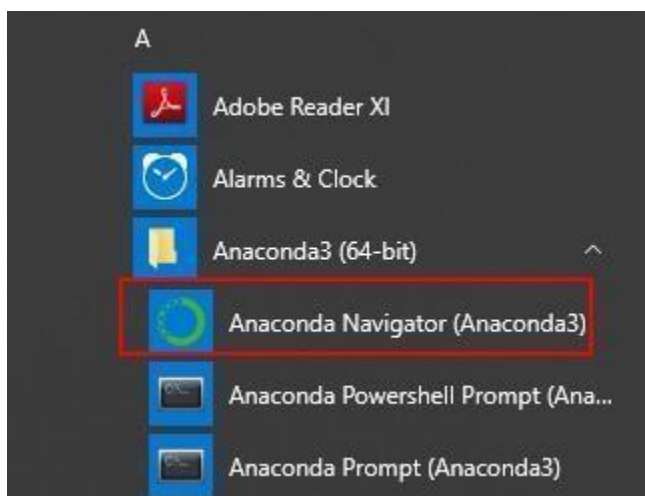




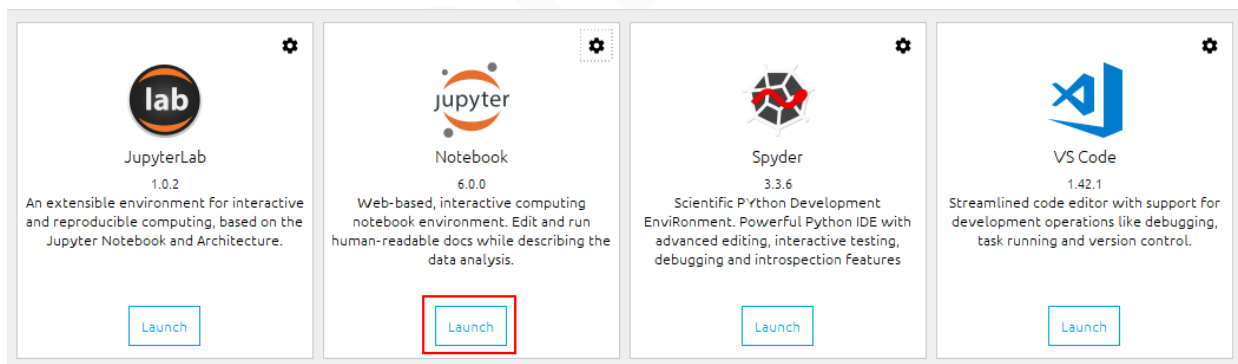
## Module 6: Hands-On: 4

## Create a plot with different fonts for labels and title:

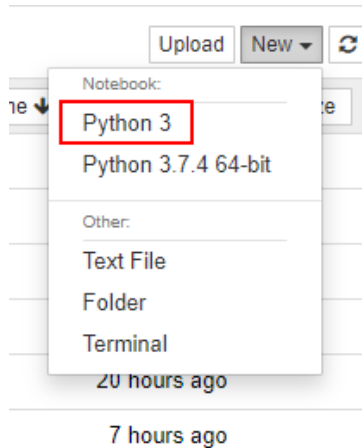
### Step 1: Open Anaconda Navigator



### Step 2: Click on Launch button under Jupyter Notebook



**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>]

