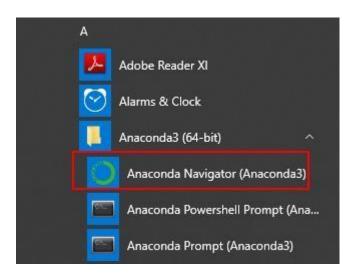


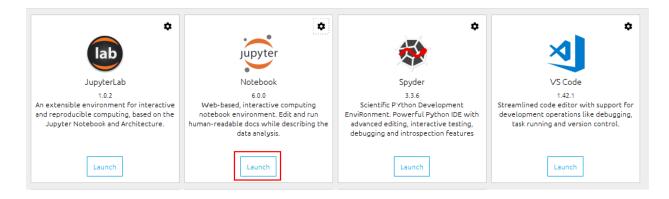
## Module 7: Hands-On: 1

#### Data Processing.

Step 1: Open Anaconda Navigator

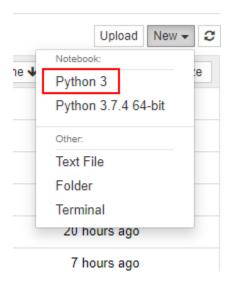


Step 2: Click on Launch button under jupyter notebooks.





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



Step 4: Import the required packages and create a list.

```
In [26]: import numpy as np
import pandas as pd

In [27]: num_list = [1, 2, 3, 4 , 5]
```

### **Step 5:** Print the type of the variable.

```
In [29]: type(num_list)
Out[29]: list
```



#### **Step 6:** Create and reshape a numpy array.

# **Step 7:** Create a numpy array filled with zeroes and a numpy array with values from 1 to 9 and reshape it.



Step 8: Create a Data Frame using a 1d list and a 2d list.

**Step 9:** Create a Data Frame using a dictionary.