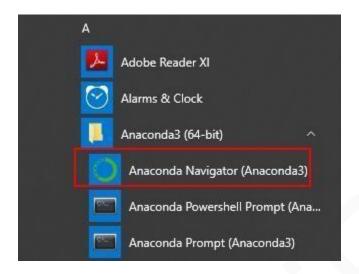


Module 7: Hands-On: 1

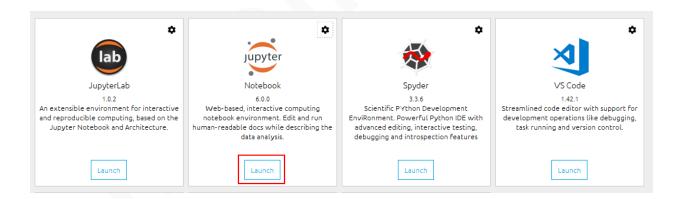


## **Data Processing:**

Step 1: Open Anaconda Navigator

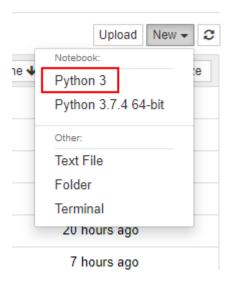


Step 2: Click on Launch button under Jupyter Notebook





Step 3: After the notebook opens click on New and Python 3



Step 4: Import 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 DataFrame using a 1d list and a 2d list

**Step 9:** Create a DataFrame using a dictionary