

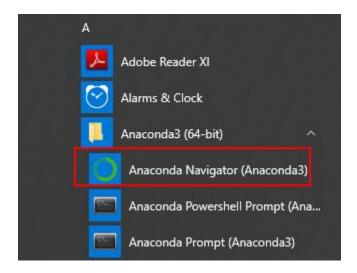
Data Science with Python Module 4 Hands On - 3



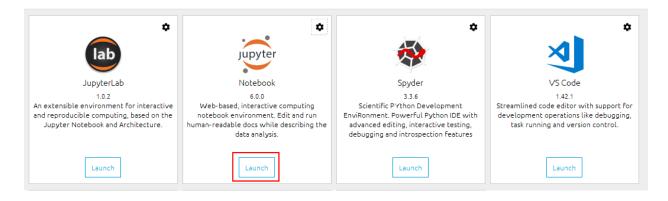
Data Science with Python Module 4: Hands-on: 3

Pandas Series

Step 1: Open Anaconda Navigator

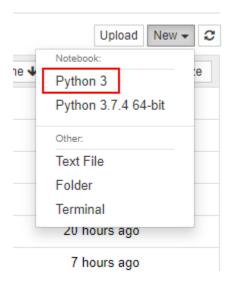


Step 2: Click on Launch button under jupyter notebooks.





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



Step 4: Import pandas by typing the following code in the notebook and run it by pressing shift + enter

```
import pandas as pd
```

Step 5 Type the following code to create a pandas series using np.array with default index.



Step 6: Type the following code to create a pandas series using np.array with custom index.

Step 7: Type the following code to create a pandas series using a dictionary with default index.

```
In [12]: # Create a pandas series using a dictionary with default index
    series = pd.Series({'x' : 0, 'y' : 1., 'z' : 2.})
    series

Out[12]: x     0.0
     y     1.0
     z     2.0
     dtype: float64
```