

Machine Learning
Home work #1



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Program/Semester: SE5

Dated: Oct 11, 2022

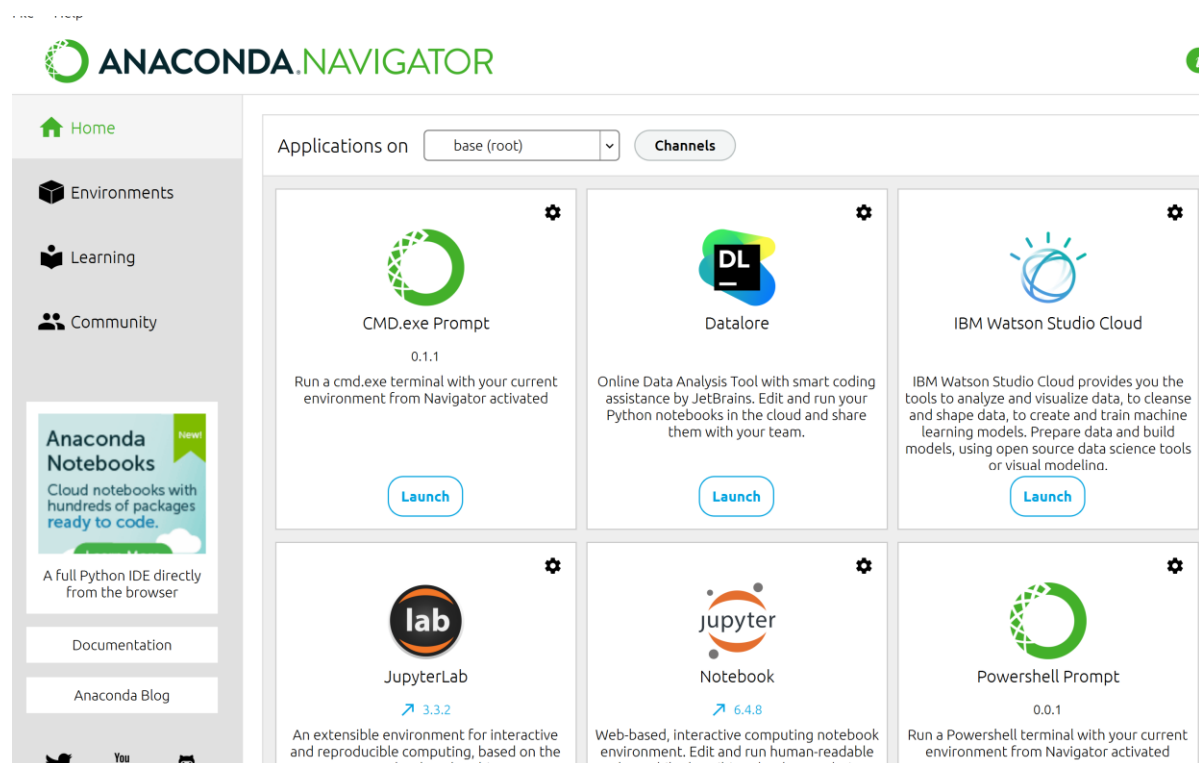
Task 1

Installed conda integrated base python env to powershell.

Command >> **conda info**

```
(base) PS C:\Users\ALI> conda info

active environment : base
active env location : C:\Users\ALI\anaconda3
shell level        : 1
user config file   : C:\Users\ALI\.condarc
populated config files : C:\Users\ALI\.condarc
conda version      : 4.12.0
conda-build version : 3.21.8
python version     : 3.9.12.final.0
virtual packages   : __win=0=0
                   __archspec=1=x86_64
base environment   : C:\Users\ALI\anaconda3 (writable)
conda av data dir  : C:\Users\ALI\anaconda3\etc\conda
conda av metadata url : None
channel URLs       : https://repo.anaconda.com/pkgs/main/win-64
                   https://repo.anaconda.com/pkgs/main/noarch
                   https://repo.anaconda.com/pkgs/r/win-64
                   https://repo.anaconda.com/pkgs/r/noarch
                   https://repo.anaconda.com/pkgs/msys2/win-64
                   https://repo.anaconda.com/pkgs/msys2/noarch
package cache      : C:\Users\ALI\anaconda3\pkgs
                   C:\Users\ALI\.conda\pkgs
                   C:\Users\ALI\AppData\Local\conda\conda\pkgs
envs directories   : C:\Users\ALI\anaconda3\envs
                   C:\Users\ALI\.conda\envs
                   C:\Users\ALI\AppData\Local\conda\conda\envs
platform          : win-64
user-agent         : conda/4.12.0 requests/2.27.1 CPython/3.9.12 Windows/10 Windows/10.0.19044
administrator      : False
netrc file         : None
offline mode       : False
```



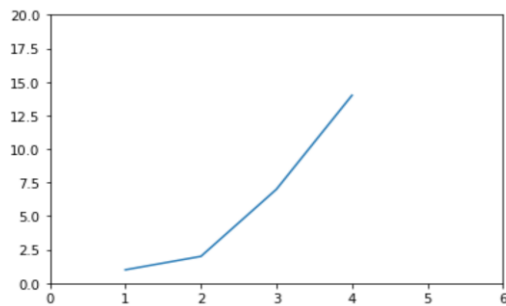
Task 2

Run the script in jupyter notebook

```
import matplotlib.pyplot as plt
plt.plot([1,2,3,4], [1,2,7,14])
plt.axis([0, 6, 0, 20])
plt.show()
```

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

```
In [2]: plt.plot([1,2,3,4], [1,2,7,14])
plt.axis([0, 6, 0, 20])
plt.show()
```



Task 3

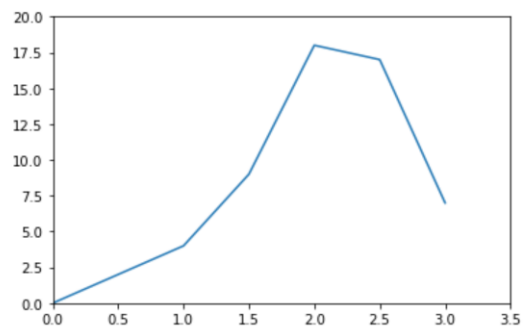
Use Matplotlib to create a figure of your choice in IPython.

Following Code was used to graph

```
import matplotlib.pyplot as plt
plt.plot([0,1,1.5,2,2.5,3.0], [0,4,9,18,17,7])
plt.axis([0, 6, 0, 20]) plt.show()
```


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

```
In [17]: plt.plot([0,1,1.5,2,2.5,3.0], [0,4,9,18,17,7])
plt.axis([0, 3.5, 0, 20])
plt.show()
```



Task4:


Made a GitHub student account with the user name Shehzad-sudo

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 **Raheel Siddiqui** rawheel


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Show less



Shehzad Ali


Shehzad-sudo

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Achievements



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Forked from Pierian-Data/Complete-Python-3-Bootcamp
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Jupyter Notebook

Shehzad-sudo Public
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Event-Managment-System Public
Handlebars

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