Microsoft Windows [Version 10.0.18362.900]

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C:\Users\stomar>cd ..

C:\Users>cd..

C:\>cd C:/Users/stomar/OneDrive - Texisle Supply, Inc/Desktop/STomar/Reference/UT-Analytics/C5T1/C5T1-2/C5T1

C:\Users\stomar\OneDrive - Texisle Supply, Inc\Desktop\STomar\Reference\UT-Analytics\C5T1\C5T1-2\C5T1>dir

Volume in drive C is OS

Volume Serial Number is FE52-4A52

Directory of C:\Users\stomar\OneDrive - Texisle Supply, Inc\Desktop\STomar\Reference\UT-Analytics\C5T1\C5T1-2\C5T1

06/18/2020 06:10 PM <DIR> .

06/18/2020 06:10 PM <DIR> ..

06/18/2020 06:10 PM 66 .gitattributes

06/18/2020 06:10 PM 9 README.md

2 File(s) 75 bytes

2 Dir(s) 36,596,379,648 bytes free

C:\Users\stomar\OneDrive - Texisle Supply, Inc\Desktop\STomar\Reference\UT-Analytics\C5T1\C5T1-2\C5T1>python

Python 3.8.1 (tags/v3.8.1:1b293b6, Dec 18 2019, 23:11:46) [MSC v.1916 64 bit (AMD64)] on win32

Type "help", "copyright", "credits" or "license" for more information.

C:\Users\stomar\OneDrive - Texisle Supply, Inc\Desktop\STomar\Reference\UT-Analytics\C5T1\C5T1-2\C5T1>pip3 --version

pip 20.0.2 from c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages\pip (python 3.8)

C:\Users\stomar\OneDrive - Texisle Supply, Inc\Desktop\STomar\Reference\UT-Analytics\C5T1\C5T1-2\C5T1>pip install numpy

Requirement already satisfied: numpy in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (1.18.2)

WARNING: You are using pip version 20.0.2; however, version 20.1.1 is available.

You should consider upgrading via the 'c:\users\stomar\appdata\local\programs\python\python38\python.exe -m pip install --upgrade pip' command.

C:\Users\stomar\OneDrive - Texisle Supply, Inc\Desktop\STomar\Reference\UT-Analytics\C5T1\C5T1-2\C5T1>pip install numpy

Requirement already satisfied: numpy in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (1.18.2)

WARNING: You are using pip version 20.0.2; however, version 20.1.1 is available.

You should consider upgrading via the 'c:\users\stomar\appdata\local\programs\python\python38\python.exe -m pip install --upgrade pip' command.

C:\Users\stomar\OneDrive - Texisle Supply, Inc\Desktop\STomar\Reference\UT-Analytics\C5T1\C5T1-2\C5T1>pip install matplotlib

Requirement already satisfied: matplotlib in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (3.2.1)

Requirement already satisfied: pyparsing!=2.0.4,!=2.1.2,!=2.1.6,>=2.0.1 in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from matplotlib) (2.4.7)

Requirement already satisfied: kiwisolver>=1.0.1 in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from matplotlib) (1.2.0)

Requirement already satisfied: cycler>=0.10 in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from matplotlib) (0.10.0)

Requirement already satisfied: python-dateutil>=2.1 in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from matplotlib) (2.8.1)

Requirement already satisfied: numpy>=1.11 in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from matplotlib) (1.18.2)

Requirement already satisfied: six in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from cycler>=0.10->matplotlib) (1.14.0)

WARNING: You are using pip version 20.0.2; however, version 20.1.1 is available.

You should consider upgrading via the 'c:\users\stomar\appdata\local\programs\python\python38\python.exe -m pip install --upgrade pip' command.

C:\Users\stomar\OneDrive - Texisle Supply, Inc\Desktop\STomar\Reference\UT-Analytics\C5T1\C5T1-2\C5T1>pip install -U scikit-learn

Collecting scikit-learn

Downloading scikit\_learn-0.23.1-cp38-cp38-win\_amd64.whl (6.8 MB)

|████████████████████████████████| 6.8 MB 3.3 MB/s

Requirement already satisfied, skipping upgrade: joblib>=0.11 in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from scikit-learn) (0.14.1)

Requirement already satisfied, skipping upgrade: scipy>=0.19.1 in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from scikit-learn) (1.4.1)

Collecting threadpoolctl>=2.0.0

Downloading threadpoolctl-2.1.0-py3-none-any.whl (12 kB)

Requirement already satisfied, skipping upgrade: numpy>=1.13.3 in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from scikit-learn) (1.18.2)

Installing collected packages: threadpoolctl, scikit-learn

Attempting uninstall: scikit-learn

Found existing installation: scikit-learn 0.22.2.post1

Uninstalling scikit-learn-0.22.2.post1:

Successfully uninstalled scikit-learn-0.22.2.post1

Successfully installed scikit-learn-0.23.1 threadpoolctl-2.1.0

WARNING: You are using pip version 20.0.2; however, version 20.1.1 is available.

You should consider upgrading via the 'c:\users\stomar\appdata\local\programs\python\python38\python.exe -m pip install --upgrade pip' command.

C:\Users\stomar\OneDrive - Texisle Supply, Inc\Desktop\STomar\Reference\UT-Analytics\C5T1\C5T1-2\C5T1>pip freeze

attrs==19.3.0

backcall==0.1.0

bleach==3.1.4

colorama==0.4.3

cycler==0.10.0

decorator==4.4.2

defusedxml==0.6.0

entrypoints==0.3

ipykernel==5.2.0

ipython==7.13.0

ipython-genutils==0.2.0

ipywidgets==7.5.1

jedi==0.16.0

Jinja2==2.11.1

joblib==0.14.1

jsonschema==3.2.0

jupyter==1.0.0

jupyter-client==6.1.2

jupyter-console==6.1.0

jupyter-core==4.6.3

kiwisolver==1.2.0

MarkupSafe==1.1.1

matplotlib==3.2.1

mistune==0.8.4

nbconvert==5.6.1

nbformat==5.0.5

notebook==6.0.3

numpy==1.18.2

pandas==1.0.3

pandocfilters==1.4.2

parso==0.6.2

pickleshare==0.7.5

prometheus-client==0.7.1

prompt-toolkit==3.0.5

Pygments==2.6.1

pyparsing==2.4.7

pyrsistent==0.16.0

python-dateutil==2.8.1

pytz==2019.3

pywin32==227

pywinpty==0.5.7

pyzmq==19.0.0

qtconsole==4.7.2

QtPy==1.9.0

scikit-learn==0.23.1

scipy==1.4.1

Send2Trash==1.5.0

six==1.14.0

terminado==0.8.3

testpath==0.4.4

threadpoolctl==2.1.0

tornado==6.0.4

traitlets==4.3.3

wcwidth==0.1.9

webencodings==0.5.1

widgetsnbextension==3.5.1

C:\Users\stomar\OneDrive - Texisle Supply, Inc\Desktop\STomar\Reference\UT-Analytics\C5T1\C5T1-2\C5T1>pip freeze > libsinstalled.txt

C:\Users\stomar\OneDrive - Texisle Supply, Inc\Desktop\STomar\Reference\UT-Analytics\C5T1\C5T1-2\C5T1>pip3 install --upgrade pip

Collecting pip

Downloading pip-20.1.1-py2.py3-none-any.whl (1.5 MB)

|████████████████████████████████| 1.5 MB 6.4 MB/s

Installing collected packages: pip

Attempting uninstall: pip

Found existing installation: pip 20.0.2

Uninstalling pip-20.0.2:

Successfully uninstalled pip-20.0.2

ERROR: Could not install packages due to an EnvironmentError: [WinError 5] Access is denied: 'C:\\Users\\stomar\\AppData\\Local\\Temp\\pip-uninstall-2sufsm0f\\pip3.exe'

Consider using the `--user` option or check the permissions.

C:\Users\stomar\OneDrive - Texisle Supply, Inc\Desktop\STomar\Reference\UT-Analytics\C5T1\C5T1-2\C5T1>pip install jupyter

Requirement already satisfied: jupyter in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (1.0.0)

Requirement already satisfied: notebook in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from jupyter) (6.0.3)

Requirement already satisfied: ipykernel in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from jupyter) (5.2.0)

Requirement already satisfied: ipywidgets in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from jupyter) (7.5.1)

Requirement already satisfied: nbconvert in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from jupyter) (5.6.1)

Requirement already satisfied: qtconsole in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from jupyter) (4.7.2)

Requirement already satisfied: jupyter-console in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from jupyter) (6.1.0)

Requirement already satisfied: jupyter-core>=4.6.1 in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from notebook->jupyter) (4.6.3)

Requirement already satisfied: Send2Trash in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from notebook->jupyter) (1.5.0)

Requirement already satisfied: terminado>=0.8.1 in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from notebook->jupyter) (0.8.3)

Requirement already satisfied: jinja2 in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from notebook->jupyter) (2.11.1)

Requirement already satisfied: ipython-genutils in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from notebook->jupyter) (0.2.0)

Requirement already satisfied: traitlets>=4.2.1 in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from notebook->jupyter) (4.3.3)

Requirement already satisfied: tornado>=5.0 in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from notebook->jupyter) (6.0.4)

Requirement already satisfied: pyzmq>=17 in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from notebook->jupyter) (19.0.0)

Requirement already satisfied: nbformat in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from notebook->jupyter) (5.0.5)

Requirement already satisfied: prometheus-client in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from notebook->jupyter) (0.7.1)

Requirement already satisfied: jupyter-client>=5.3.4 in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from notebook->jupyter) (6.1.2)

Requirement already satisfied: ipython>=5.0.0 in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from ipykernel->jupyter) (7.13.0)

Requirement already satisfied: widgetsnbextension~=3.5.0 in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from ipywidgets->jupyter) (3.5.1)

Requirement already satisfied: pygments in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from nbconvert->jupyter) (2.6.1)

Requirement already satisfied: mistune<2,>=0.8.1 in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from nbconvert->jupyter) (0.8.4)

Requirement already satisfied: bleach in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from nbconvert->jupyter) (3.1.4)

Requirement already satisfied: testpath in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from nbconvert->jupyter) (0.4.4)

Requirement already satisfied: defusedxml in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from nbconvert->jupyter) (0.6.0)

Requirement already satisfied: pandocfilters>=1.4.1 in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from nbconvert->jupyter) (1.4.2)

Requirement already satisfied: entrypoints>=0.2.2 in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from nbconvert->jupyter) (0.3)

Requirement already satisfied: qtpy in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from qtconsole->jupyter) (1.9.0)

Requirement already satisfied: prompt-toolkit!=3.0.0,!=3.0.1,<3.1.0,>=2.0.0 in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from jupyter-console->jupyter) (3.0.5)

Requirement already satisfied: pywin32>=1.0; sys\_platform == "win32" in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from jupyter-core>=4.6.1->notebook->jupyter) (227)

Requirement already satisfied: pywinpty>=0.5; os\_name == "nt" in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from terminado>=0.8.1->notebook->jupyter) (0.5.7)

Requirement already satisfied: MarkupSafe>=0.23 in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from jinja2->notebook->jupyter) (1.1.1)

Requirement already satisfied: six in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from traitlets>=4.2.1->notebook->jupyter) (1.14.0)

Requirement already satisfied: decorator in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from traitlets>=4.2.1->notebook->jupyter) (4.4.2)

Requirement already satisfied: jsonschema!=2.5.0,>=2.4 in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from nbformat->notebook->jupyter) (3.2.0)

Requirement already satisfied: python-dateutil>=2.1 in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from jupyter-client>=5.3.4->notebook->jupyter) (2.8.1)

Requirement already satisfied: jedi>=0.10 in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from ipython>=5.0.0->ipykernel->jupyter) (0.16.0)

Requirement already satisfied: setuptools>=18.5 in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from ipython>=5.0.0->ipykernel->jupyter) (41.2.0)

Requirement already satisfied: colorama; sys\_platform == "win32" in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from ipython>=5.0.0->ipykernel->jupyter) (0.4.3)

Requirement already satisfied: backcall in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from ipython>=5.0.0->ipykernel->jupyter) (0.1.0)

Requirement already satisfied: pickleshare in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from ipython>=5.0.0->ipykernel->jupyter) (0.7.5)

Requirement already satisfied: webencodings in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from bleach->nbconvert->jupyter) (0.5.1)

Requirement already satisfied: wcwidth in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from prompt-toolkit!=3.0.0,!=3.0.1,<3.1.0,>=2.0.0->jupyter-console->jupyter) (0.1.9)

Requirement already satisfied: pyrsistent>=0.14.0 in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from jsonschema!=2.5.0,>=2.4->nbformat->notebook->jupyter) (0.16.0)

Requirement already satisfied: attrs>=17.4.0 in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from jsonschema!=2.5.0,>=2.4->nbformat->notebook->jupyter) (19.3.0)

Requirement already satisfied: parso>=0.5.2 in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from jedi>=0.10->ipython>=5.0.0->ipykernel->jupyter) (0.6.2)

C:\Users\stomar\OneDrive - Texisle Supply, Inc\Desktop\STomar\Reference\UT-Analytics\C5T1\C5T1-2\C5T1>pip3 install jupyter

Requirement already satisfied: jupyter in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (1.0.0)

Requirement already satisfied: ipykernel in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from jupyter) (5.2.0)

Requirement already satisfied: nbconvert in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from jupyter) (5.6.1)

Requirement already satisfied: qtconsole in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from jupyter) (4.7.2)

Requirement already satisfied: notebook in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from jupyter) (6.0.3)

Requirement already satisfied: jupyter-console in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from jupyter) (6.1.0)

Requirement already satisfied: ipywidgets in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from jupyter) (7.5.1)

Requirement already satisfied: traitlets>=4.1.0 in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from ipykernel->jupyter) (4.3.3)

Requirement already satisfied: ipython>=5.0.0 in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from ipykernel->jupyter) (7.13.0)

Requirement already satisfied: tornado>=4.2 in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from ipykernel->jupyter) (6.0.4)

Requirement already satisfied: jupyter-client in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from ipykernel->jupyter) (6.1.2)

Requirement already satisfied: jupyter-core in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from nbconvert->jupyter) (4.6.3)

Requirement already satisfied: jinja2>=2.4 in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from nbconvert->jupyter) (2.11.1)

Requirement already satisfied: nbformat>=4.4 in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from nbconvert->jupyter) (5.0.5)

Requirement already satisfied: pandocfilters>=1.4.1 in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from nbconvert->jupyter) (1.4.2)

Requirement already satisfied: entrypoints>=0.2.2 in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from nbconvert->jupyter) (0.3)

Requirement already satisfied: defusedxml in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from nbconvert->jupyter) (0.6.0)

Requirement already satisfied: mistune<2,>=0.8.1 in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from nbconvert->jupyter) (0.8.4)

Requirement already satisfied: testpath in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from nbconvert->jupyter) (0.4.4)

Requirement already satisfied: bleach in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from nbconvert->jupyter) (3.1.4)

Requirement already satisfied: pygments in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from nbconvert->jupyter) (2.6.1)

Requirement already satisfied: qtpy in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from qtconsole->jupyter) (1.9.0)

Requirement already satisfied: pyzmq>=17.1 in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from qtconsole->jupyter) (19.0.0)

Requirement already satisfied: ipython-genutils in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from qtconsole->jupyter) (0.2.0)

Requirement already satisfied: Send2Trash in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from notebook->jupyter) (1.5.0)

Requirement already satisfied: terminado>=0.8.1 in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from notebook->jupyter) (0.8.3)

Requirement already satisfied: prometheus-client in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from notebook->jupyter) (0.7.1)

Requirement already satisfied: prompt-toolkit!=3.0.0,!=3.0.1,<3.1.0,>=2.0.0 in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from jupyter-console->jupyter) (3.0.5)

Requirement already satisfied: widgetsnbextension~=3.5.0 in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from ipywidgets->jupyter) (3.5.1)

Requirement already satisfied: six in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from traitlets>=4.1.0->ipykernel->jupyter) (1.14.0)

Requirement already satisfied: decorator in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from traitlets>=4.1.0->ipykernel->jupyter) (4.4.2)

Requirement already satisfied: pickleshare in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from ipython>=5.0.0->ipykernel->jupyter) (0.7.5)

Requirement already satisfied: jedi>=0.10 in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from ipython>=5.0.0->ipykernel->jupyter) (0.16.0)

Requirement already satisfied: setuptools>=18.5 in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from ipython>=5.0.0->ipykernel->jupyter) (41.2.0)

Requirement already satisfied: backcall in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from ipython>=5.0.0->ipykernel->jupyter) (0.1.0)

Requirement already satisfied: colorama; sys\_platform == "win32" in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from ipython>=5.0.0->ipykernel->jupyter) (0.4.3)

Requirement already satisfied: python-dateutil>=2.1 in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from jupyter-client->ipykernel->jupyter) (2.8.1)

Requirement already satisfied: pywin32>=1.0; sys\_platform == "win32" in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from jupyter-core->nbconvert->jupyter) (227)

Requirement already satisfied: MarkupSafe>=0.23 in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from jinja2>=2.4->nbconvert->jupyter) (1.1.1)

Requirement already satisfied: jsonschema!=2.5.0,>=2.4 in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from nbformat>=4.4->nbconvert->jupyter) (3.2.0)

Requirement already satisfied: webencodings in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from bleach->nbconvert->jupyter) (0.5.1)

Requirement already satisfied: pywinpty>=0.5; os\_name == "nt" in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from terminado>=0.8.1->notebook->jupyter) (0.5.7)

Requirement already satisfied: wcwidth in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from prompt-toolkit!=3.0.0,!=3.0.1,<3.1.0,>=2.0.0->jupyter-console->jupyter) (0.1.9)

Requirement already satisfied: parso>=0.5.2 in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from jedi>=0.10->ipython>=5.0.0->ipykernel->jupyter) (0.6.2)

Requirement already satisfied: attrs>=17.4.0 in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from jsonschema!=2.5.0,>=2.4->nbformat>=4.4->nbconvert->jupyter) (19.3.0)

Requirement already satisfied: pyrsistent>=0.14.0 in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from jsonschema!=2.5.0,>=2.4->nbformat>=4.4->nbconvert->jupyter) (0.16.0)

C:\Users\stomar\OneDrive - Texisle Supply, Inc\Desktop\STomar\Reference\UT-Analytics\C5T1\C5T1-2\C5T1>import math

'import' is not recognized as an internal or external command,

operable program or batch file.

C:\Users\stomar\OneDrive - Texisle Supply, Inc\Desktop\STomar\Reference\UT-Analytics\C5T1\C5T1-2\C5T1>pip install pandas

Requirement already satisfied: pandas in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (1.0.3)

Requirement already satisfied: pytz>=2017.2 in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from pandas) (2019.3)

Requirement already satisfied: python-dateutil>=2.6.1 in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from pandas) (2.8.1)

Requirement already satisfied: numpy>=1.13.3 in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from pandas) (1.18.2)

Requirement already satisfied: six>=1.5 in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from python-dateutil>=2.6.1->pandas) (1.14.0)

C:\Users\stomar\OneDrive - Texisle Supply, Inc\Desktop\STomar\Reference\UT-Analytics\C5T1\C5T1-2\C5T1>pip install matplotlib

Requirement already satisfied: matplotlib in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (3.2.1)

Requirement already satisfied: kiwisolver>=1.0.1 in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from matplotlib) (1.2.0)

Requirement already satisfied: cycler>=0.10 in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from matplotlib) (0.10.0)

Requirement already satisfied: python-dateutil>=2.1 in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from matplotlib) (2.8.1)

Requirement already satisfied: pyparsing!=2.0.4,!=2.1.2,!=2.1.6,>=2.0.1 in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from matplotlib) (2.4.7)

Requirement already satisfied: numpy>=1.11 in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from matplotlib) (1.18.2)

Requirement already satisfied: six in c:\users\stomar\appdata\local\programs\python\python38\lib\site-packages (from cycler>=0.10->matplotlib) (1.14.0)

C:\Users\stomar\OneDrive - Texisle Supply, Inc\Desktop\STomar\Reference\UT-Analytics\C5T1\C5T1-2\C5T1>import math

'import' is not recognized as an internal or external command,

operable program or batch file.

C:\Users\stomar\OneDrive - Texisle Supply, Inc\Desktop\STomar\Reference\UT-Analytics\C5T1\C5T1-2\C5T1>pip install math

ERROR: Could not find a version that satisfies the requirement math (from versions: none)

ERROR: No matching distribution found for math

C:\Users\stomar\OneDrive - Texisle Supply, Inc\Desktop\STomar\Reference\UT-Analytics\C5T1\C5T1-2\C5T1>math.sqrt (25)

'math.sqrt' is not recognized as an internal or external command,

operable program or batch file.

C:\Users\stomar\OneDrive - Texisle Supply, Inc\Desktop\STomar\Reference\UT-Analytics\C5T1\C5T1-2\C5T1>math.pi

'math.pi' is not recognized as an internal or external command,

operable program or batch file.

C:\Users\stomar\OneDrive - Texisle Supply, Inc\Desktop\STomar\Reference\UT-Analytics\C5T1\C5T1-2\C5T1>python

Python 3.8.1 (tags/v3.8.1:1b293b6, Dec 18 2019, 23:11:46) [MSC v.1916 64 bit (AMD64)] on win32

Type "help", "copyright", "credits" or "license" for more information.

>>> ^Z

C:\Users\stomar\OneDrive - Texisle Supply, Inc\Desktop\STomar\Reference\UT-Analytics\C5T1\C5T1-2\C5T1>python

Python 3.8.1 (tags/v3.8.1:1b293b6, Dec 18 2019, 23:11:46) [MSC v.1916 64 bit (AMD64)] on win32

Type "help", "copyright", "credits" or "license" for more information.

>>> import math

>>> math.sqrt(25)

5.0

>>> math.pi

3.141592653589793

>>> import math as mt

>>> mat.sqrt(25)

Traceback (most recent call last):

File "<stdin>", line 1, in <module>

NameError: name 'mat' is not defined

>>> mt.sqrt(25)

5.0

>>> from numpy import random

>>> import numpy as np

>>> dataOne = random.rand(5,5)

>>> dataone

Traceback (most recent call last):

File "<stdin>", line 1, in <module>

NameError: name 'dataone' is not defined

>>> np.mean(dataone)

Traceback (most recent call last):

File "<stdin>", line 1, in <module>

NameError: name 'dataone' is not defined

>>> np.mean(dataOne)

0.5674527961582663

>>> print('I Love data Science')

I Love data Science

>>> variableName = 25

>>> variableName1 = 'I Love data Science'

>>> print(variableName1)

I Love data Science

>>> type(variableName)

<class 'int'>

>>> var =25.0

>>> type (var)

<class 'float'>

>>> varA=25

>>> varB=25.0

>>> VarC = VarA + varB

Traceback (most recent call last):

File "<stdin>", line 1, in <module>

NameError: name 'VarA' is not defined

>>> VarC = varA + varB

>>> print (VarC)+

File "<stdin>", line 1

print (VarC)+

^

SyntaxError: invalid syntax

>>> print (VarC)

50.0

>>> varD = 'Hello'

>>> varE = varA+varD

Traceback (most recent call last):

File "<stdin>", line 1, in <module>

TypeError: unsupported operand type(s) for +: 'int' and 'str'

>>> listName = []

>>> list1 = [1,2,3,4]

>>> print(listOne[1:3])

Traceback (most recent call last):

File "<stdin>", line 1, in <module>

NameError: name 'listOne' is not defined

>>> print(list1[1:3])

[2, 3]

>>> print(list1[0:3])

[1, 2, 3]

>>> tel = {'jack': 4098, 'sape': 4139}

>>> tel['jack']

4098

>>>