


PRE-REQUISITES


TEAM ID	PNT2022TMID40612
PROJECT	REAL-Time Communication System Powered by AI for Specially Abled

Anaconda Navigator


File Help


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Anaconda Notebooks
Cloud notebooks with
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All applications

on

base (root)

Channels



DataSpell

DataSpell is an IDE for exploratory data analysis and prototyping machine learning models. It combines the interactivity of Jupyter notebooks with the intelligent Python and R coding assistance of PyCharm in one user-friendly environment.

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CMD.exe Prompt

0.1.1

Run a cmd.exe terminal with your current environment from Navigator activated

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JupyterLab

3.4.4

An extensible environment for interactive and reproducible computing, based on the Jupyter Notebook and Architecture.

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Notebook

[6.4.12](#)

Web-based, interactive computing notebook environment. Edit and run human-readable docs while describing the data analysis.

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Powershell Prompt

0.0.1

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Qt Console

[5.2.2](#)

PyQt GUI that supports inline figures, proper multiline editing with syntax highlighting, graphical calltips, and more.



Spyder

[5.2.2](#)

Scientific PYTHON Development Environment. Powerful Python IDE with advanced editing, interactive testing,



Datalore

Kick-start your data science projects in seconds in a pre-configured environment. Enjoy coding assistance for Python, SQL,



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26°C



9:28 PM

11/15/2022



```
(base) C:\WINDOWS\system32>pip install tensorflow
Collecting tensorflow
  Downloading tensorflow-2.10.0-cp39-cp39-win_amd64.whl (455.9 MB)
    | 455.9 MB 5.1 kB/s
Collecting keras<2.11,>=2.10.0
  Downloading keras-2.10.0-py2.py3-none-any.whl (1.7 MB)
    | 1.7 MB 6.4 MB/s
Collecting tensorflow-io-gcs-filesystem>=0.23.1
  Downloading tensorflow_io_gcs_filesystem-0.27.0-cp39-cp39-win_amd64.whl (1.5 MB)
    | 1.5 MB ...
Requirement already satisfied: setuptools in c:\users\naresh\anaconda3\lib\site-packages (from tensorflow) (61.2.0)
Requirement already satisfied: grpcio<2.0,>=1.24.3 in c:\users\naresh\anaconda3\lib\site-packages (from tensorflow) (1.42.0)
Requirement already satisfied: h5py>=2.9.0 in c:\users\naresh\anaconda3\lib\site-packages (from tensorflow) (3.6.0)
Requirement already satisfied: wrapt>=1.11.0 in c:\users\naresh\anaconda3\lib\site-packages (from tensorflow) (1.12.1)
Collecting opt-einsum>=2.3.2
  Downloading opt_einsum-3.3.0-py3-none-any.whl (65 kB)
    | 65 kB 4.5 MB/s
Collecting termcolor>=1.1.0
  Downloading termcolor-2.1.0-py3-none-any.whl (5.8 kB)
Requirement already satisfied: six>=1.12.0 in c:\users\naresh\anaconda3\lib\site-packages (from tensorflow) (1.16.0)
Collecting google-pasta>=0.1.1
  Downloading google_pasta-0.2.0-py3-none-any.whl (57 kB)
    | 57 kB 2.4 MB/s
Requirement already satisfied: protobuf<3.20,>=3.9.2 in c:\users\naresh\anaconda3\lib\site-packages (from tensorflow) (3.19.1)
Requirement already satisfied: typing-extensions>=3.6.6 in c:\users\naresh\anaconda3\lib\site-packages (from tensorflow) (4.1.1)
Collecting flatbuffers>=2.0
  Downloading flatbuffers-22.10.26-py2.py3-none-any.whl (26 kB)
Collecting absl-py>=1.0.0
  Downloading absl_py-1.3.0-py3-none-any.whl (124 kB)
    | 124 kB 3.3 MB/s
Requirement already satisfied: numpy>=1.20 in c:\users\naresh\anaconda3\lib\site-packages (from tensorflow) (1.21.5)
Collecting gast<=0.4.0,>=0.2.1
  Downloading gast-0.4.0-py3-none-any.whl (9.8 kB)
Requirement already satisfied: packaging in c:\users\naresh\anaconda3\lib\site-packages (from tensorflow) (21.3)
Collecting astunparse>=1.6.0
  Downloading astunparse-1.6.3-py2.py3-none-any.whl (12 kB)
Collecting tensorboard<2.11,>=2.10
  Downloading tensorboard-2.10.1-py3-none-any.whl (5.9 MB)
    | 5.9 MB 6.4 MB/s
Collecting libclang>=13.0.0
  Downloading libclang-14.0.6-py2.py3-none-win_amd64.whl (14.2 MB)
    | 14.2 MB 6.8 MB/s
Requirement already satisfied: keras-preprocessing>=1.1.1 in c:\users\naresh\anaconda3\lib\site-packages (from tensorflow) (1.1.2)
Collecting tensorflow-estimator<2.11,>=2.10.0
  Downloading tensorflow_estimator-2.10.0-py2.py3-none-any.whl (438 kB)
    | 438 kB 6.8 MB/s
Requirement already satisfied: wheel<1.0,>=0.23.0 in c:\users\naresh\anaconda3\lib\site-packages (from astunparse>=1.6.0->tensorflow) (0.37.1)
Requirement already satisfied: markdown>=2.6.8 in c:\users\naresh\anaconda3\lib\site-packages (from tensorboard<2.11,>=2.10->tensorflow) (3.3.4)
```

```
(base) C:\WINDOWS\system32>pip install keras==2.2.4
Collecting keras==2.2.4
  Downloading Keras-2.2.4-py2.py3-none-any.whl (312 kB)
    |#####| 312 kB 6.4 MB/s
Requirement already satisfied: h5py in c:\users\naresh\anaconda3\lib\site-packages (from keras==2.2.4) (3.6.0)
Collecting keras-preprocessing>=1.0.5
  Downloading Keras_Preprocessing-1.1.2-py2.py3-none-any.whl (42 kB)
    |#####| 42 kB 3.4 MB/s
Collecting keras-applications>=1.0.6
  Downloading Keras_Applications-1.0.8-py3-none-any.whl (50 kB)
    |#####| 50 kB 3.0 MB/s
Requirement already satisfied: numpy>=1.9.1 in c:\users\naresh\anaconda3\lib\site-packages (from keras==2.2.4) (1.21.5)
Requirement already satisfied: six>=1.9.0 in c:\users\naresh\anaconda3\lib\site-packages (from keras==2.2.4) (1.16.0)
Requirement already satisfied: scipy>=0.14 in c:\users\naresh\anaconda3\lib\site-packages (from keras==2.2.4) (1.7.3)
Requirement already satisfied: pyyaml in c:\users\naresh\anaconda3\lib\site-packages (from keras==2.2.4) (6.0)
Installing collected packages: keras-preprocessing, keras-applications, keras
Successfully installed keras-2.2.4 keras-applications-1.0.8 keras-preprocessing-1.1.2

(base) C:\WINDOWS\system32>
```

```
(base) C:\WINDOWS\system32>pip install opencv-python
Collecting opencv-python
  Using cached opencv_python-4.6.0.66-cp36-abi3-win_amd64.whl (35.6 MB)
Requirement already satisfied: numpy>=1.14.5 in c:\users\naresh\anaconda3\lib\site-packages (from opencv-python) (1.21.5)
Installing collected packages: opencv-python
Successfully installed opencv-python-4.6.0.66

(base) C:\WINDOWS\system32>_
```

```
(base) C:\WINDOWS\system32>pip install imutils
Collecting imutils
  Downloading imutils-0.5.4.tar.gz (17 kB)
Building wheels for collected packages: imutils
  Building wheel for imutils (setup.py) ... done
  Created wheel for imutils: filename=imutils-0.5.4-py3-none-any.whl size=25872 sha256=a84507bf6a35332b4be4ae9b57c623ba95aaf8a9c96134778a4b148611b1ac31
  Stored in directory: c:\users\naresh\appdata\local\pip\cache\wheels\4b\45\2d\4a070a801d3a3d93f033d3ee9728f470f514826e89952df3ea
Successfully built imutils
Installing collected packages: imutils
Successfully installed imutils-0.5.4

(base) C:\WINDOWS\system32>
```



```
(base) C:\WINDOWS\system32>pip install flask
Requirement already satisfied: flask in c:\users\naresh\anaconda3\lib\site-packages (1.1.2)
Requirement already satisfied: Jinja2>=2.10.1 in c:\users\naresh\anaconda3\lib\site-packages (from flask) (2.11.3)
Requirement already satisfied: Werkzeug>=0.15 in c:\users\naresh\anaconda3\lib\site-packages (from flask) (2.0.3)
Requirement already satisfied: itsdangerous>=0.24 in c:\users\naresh\anaconda3\lib\site-packages (from flask) (2.0.1)
Requirement already satisfied: click>=5.1 in c:\users\naresh\anaconda3\lib\site-packages (from flask) (8.0.4)
Requirement already satisfied: colorama in c:\users\naresh\anaconda3\lib\site-packages (from click>=5.1->flask) (0.4.4)
Requirement already satisfied: MarkupSafe>=0.23 in c:\users\naresh\anaconda3\lib\site-packages (from Jinja2>=2.10.1->flask) (2.0.1)

(base) C:\WINDOWS\system32>_
```