

Pre-Requisites:

Anaconda Navigator

File Help

ANACONDA NAVIGATOR

Connect

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Environments

Learning

Community

Applications on: base (root) Channels

CMD.exe Prompt
0.1.1
Run a cmd.exe terminal with your current environment from Navigator activated.
[Launch](#)

Datalore
5.1.3
Online Data Analysis Tool with smart coding assistance by JetBrains. Edit and run your Python notebooks in the cloud and share them with your team.
[Launch](#)

IBM Watson Studio Cloud
An IBM Watson Studio Cloud provides you the tools to analyze and visualize data, to cleanse and shape data, to create and train machine learning models. Prepare data and build models, using open source data science tools or visual modeling.
[Launch](#)

JupyterLab
3.3.2
An extensible environment for interactive and reproducible computing, based on the Jupyter Notebook and Architecture.
[Launch](#)

Notebook
6.4.8
Web-based, interactive computing notebook environment. Edit and run human-readable docs while describing the data analysis.
[Launch](#)

Powershell Prompt
0.0.1
Run a Powershell terminal with your current environment from Navigator activated.
[Launch](#)

Qt Console
5.13
PyQt GUI that supports inline figures, proper multiline editing with syntax highlighting, graphical calltips, and more.
[Launch](#)

Spyder
5.1.3
Scientific Python Development Environment. Powerful Python IDE with advanced editing, interactive testing, debugging and introspection features.
[Launch](#)

VS Code
1.71.2
Streamlined code editor with support for development operations like debugging, task running and version control.
[Launch](#)

Glueviz
1.0.0
Multidimensional data visualization across files. Explore relationships within and among related datasets.
[Install](#)

Orange 3
3.26.0
Component-based data mining framework. Data visualization and data analysis for novice and expert. Interactive workflows with a large toolbox.
[Install](#)

PyCharm Professional
A Full-fledged IDE by JetBrains for both Scientific and Web Python development. Supports HTML, JS, and SQL.
[Install](#)

RStudio
1.4.1055
A set of integrated tools designed to help you be more productive with R. Includes R essentials and notebooks.
[Launch](#)

Anaconda Notebooks
Cloud notebooks with hundreds of packages ready to code.
[Learn More](#)

A Full Python IDE directly from the
[Documentation](#)

Anaconda Blog

Twitter YouTube GitHub

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Administrator: Anaconda Prompt (anaconda3)
Requirement already satisfied: pyasn1<0.5.0,>=0.4.6 in c:\users\mm\anaconda3\lib\site-packages (from pyasn1-modules==0.2.1->google-auth3,>=1.6.3->tensorflow==2.5->tensorflow==2.5.0) (0.4.8)
Requirement already satisfied: idna<4,>=2.5 in c:\users\mm\anaconda3\lib\site-packages (from requests<3,>=2.21.0->tensorflow==2.5->tensorflow==2.5.0) (3.3)
Requirement already satisfied: certifi>2017.4.17 in c:\users\mm\anaconda3\lib\site-packages (from requests<3,>=2.21.0->tensorflow==2.5->tensorflow==2.5.0) (2021.10.8)
Requirement already satisfied: urllib3<1.27,>=1.21.1 in c:\users\mm\anaconda3\lib\site-packages (from requests<3,>=2.21.0->tensorflow==2.5->tensorflow==2.5.0) (1.26.9)
Requirement already satisfied: charset-normalizer<3,>=2 in c:\users\mm\anaconda3\lib\site-packages (from requests<3,>=2.21.0->tensorflow==2.5->tensorflow==2.5.0) (2.0.4)
Requirement already satisfied: oauthlib<3.0.0 in c:\users\mm\anaconda3\lib\site-packages (from requests-oauthlib==0.7.0->google-auth-oauthlib<0.5,>=0.4.1->tensorflow==2.5->tensorflow==2.5.0) (3.2.1)
Building wheels for collected packages: termcolor
  Building wheel for termcolor (setup.py) ... done
  Created wheel for termcolor: filename=termcolor-1.1.0-py3-none-any.whl size=4848 sha256=d87a063b8984e0ff387293c19c57a832dd3b37a93385512b4e85e23403ca510
  Stored in directory: c:\users\mm\appdata\local\pip\cache\wheels\b6\0d\90\0d1bbd99855f99cb2f6c2e5ff96f8023fad8ec367695f7d72d
Successfully built termcolor
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
Installing collected packages: six, numpy, grpcio, absl-py, typing-extensions, termcolor, tensorflow-estimator, keras-nightly, h5py, flatbuffers, tensorflow
Attempting uninstall: six
  WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
  Found existing installation: six 1.16.0
  Uninstalling six-1.16.0:
  Successfully uninstalled six-1.16.0
Attempting uninstall: numpy
  WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
  Found existing installation: numpy 1.22.4
  Uninstalling numpy-1.22.4:
  Successfully uninstalled numpy-1.22.4
ERROR: Could not install packages due to an OSError: [WinError 5] Access is denied: 'C:\Users\mm\anaconda3\lib\site-packages\*-mpy\*.libs\libopenblas.EL2C6PLE4ZYH3EVEIV30XGRN2NRFM2.gfortran-win_amd64.dll'
Consider using the '--user' option or check the permissions.

WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)

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

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

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Administrator: Anaconda Prompt (anaconda3)
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
Collecting tensorflow==2.5.0
  Downloading tensorflow-2.5.0-cp39-cp39-win_amd64.whl (422.6 MB)
    | 422.6 MB 67 kB/s
Collecting six~=1.15.0
  Downloading six-1.15.0-py2.py3-none-any.whl (10 kB)
Collecting typing-extensions~=3.7.4
  Downloading typing_extensions-3.7.4.3-py3-none-any.whl (22 kB)
Requirement already satisfied: wrapt~=1.12.1 in c:\users\mm\anaconda3\lib\site-packages (from tensorflow==2.5.0) (1.12.1)
Collecting termcolor~=1.1.0
  Downloading termcolor-1.1.0.tar.gz (3.9 kB)
Requirement already satisfied: gast==0.4.0 in c:\users\mm\anaconda3\lib\site-packages (from tensorflow==2.5.0) (0.4.0)
Requirement already satisfied: wheel==0.35 in c:\users\mm\anaconda3\lib\site-packages (from tensorflow==2.5.0) (0.37.1)
Requirement already satisfied: opt-einsum==3.3.0 in c:\users\mm\anaconda3\lib\site-packages (from tensorflow==2.5.0) (3.3.0)
Requirement already satisfied: google-pasta==0.2 in c:\users\mm\anaconda3\lib\site-packages (from tensorflow==2.5.0) (0.2.0)
Collecting numpy==1.19.2
  Downloading numpy-1.19.2-cp39-cp39-win_amd64.whl (13.3 MB)
    | 13.3 MB 48 kB/s
Collecting keras-nightly==2.5.0.dev
  Downloading keras_nightly-2.5.0.dev2021032900-py2.py3-none-any.whl (1.2 MB)
    | 1.2 MB 437 kB/s
Requirement already satisfied: keras-preprocessing==1.1.2 in c:\users\mm\anaconda3\lib\site-packages (from tensorflow==2.5.0) (1.1.2)
Requirement already satisfied: tensorboard==2.5 in c:\users\mm\anaconda3\lib\site-packages (from tensorflow==2.5.0) (2.10.0)
Collecting tensorflow-estimator<2.6.0,>=2.5.0rc0
  Downloading tensorflow_estimator-2.5.0-py2.py3-none-any.whl (462 kB)
    | 462 kB 261 kB/s
Collecting grpcio==1.34.0
  Downloading grpcio-1.34.1-cp39-cp39-win_amd64.whl (2.9 MB)
    | 2.9 MB 149 kB/s
Collecting h5py==3.1.0
  Downloading h5py-3.1.0-cp39-cp39-win_amd64.whl (2.7 MB)
    | 2.7 MB 252 kB/s
Requirement already satisfied: protobuf>=3.9.2 in c:\users\mm\anaconda3\lib\site-packages (from tensorflow==2.5.0) (3.19.1)
Collecting flatbuffers==1.12.0
  Downloading flatbuffers-1.12-py2.py3-none-any.whl (15 kB)
Collecting absl-py==0.10
  Downloading absl_py-0.15.0-py3-none-any.whl (132 kB)
    | 132 kB 312 kB/s
Requirement already satisfied: astunparse==1.6.3 in c:\users\mm\anaconda3\lib\site-packages (from tensorflow==2.5.0) (1.6.3)
Requirement already satisfied: requests<3,>=2.21.0 in c:\users\mm\anaconda3\lib\site-packages (from tensorboard==2.5->tensorflow==2.5.0) (2.28.1)
Requirement already satisfied: google-auth-oauthlib<0.5,>=0.4.1 in c:\users\mm\anaconda3\lib\site-packages (from tensorboard==2.5->tensorflow==2.5.0) (0.4.6)
Requirement already satisfied: tensorboard-plugin-wit==1.6.0 in c:\users\mm\anaconda3\lib\site-packages (from tensorboard==2.5->tensorflow==2.5.0) (1.8.1)
Requirement already satisfied: markdown==2.6.8 in c:\users\mm\anaconda3\lib\site-packages (from tensorboard==2.5->tensorflow==2.5.0) (3.3.4)
Requirement already satisfied: setuptools==41.0.0 in c:\users\mm\anaconda3\lib\site-packages (from tensorboard==2.5->tensorflow==2.5.0) (61.2.0)
Requirement already satisfied: werkzeug==1.0.1 in c:\users\mm\anaconda3\lib\site-packages (from tensorboard==2.5->tensorflow==2.5.0) (2.0.3)
Requirement already satisfied: google-auth<3,>=1.6.3 in c:\users\mm\anaconda3\lib\site-packages (from tensorboard==2.5->tensorflow==2.5.0) (1.33.0)
Requirement already satisfied: tensorboard-data-server<0.7.0,>=0.6.0 in c:\users\mm\anaconda3\lib\site-packages (from tensorboard==2.5->tensorflow==2.5.0) (0.6.1)
Requirement already satisfied: rsa<4,>=3.1.4 in c:\users\mm\anaconda3\lib\site-packages (from google-auth<3,>=1.6.3->tensorboard==2.5->tensorflow==2.5.0) (4.7.2)
Requirement already satisfied: pyasn1-modules==0.2.1 in c:\users\mm\anaconda3\lib\site-packages (from google-auth<3,>=1.6.3->tensorboard==2.5->tensorflow==2.5.0) (0.2.8)
Requirement already satisfied: cachetools<5.0,>=2.0.0 in c:\users\mm\anaconda3\lib\site-packages (from google-auth<3,>=1.6.3->tensorboard==2.5->tensorflow==2.5.0) (4.2.2)

Administrator: Anaconda Prompt (anaconda3)

(base) C:\WINDOWS\system32>pip install keras==2.2.4
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
Collecting keras==2.2.4
  Downloading Keras-2.2.4-py2.py3-none-any.whl (312 kB)
    | 312 kB 1.1 MB/s
Requirement already satisfied: six>=1.9.0 in c:\users\mm\anaconda3\lib\site-packages (from keras==2.2.4) (1.16.0)
Requirement already satisfied: h5py in c:\users\mm\anaconda3\lib\site-packages (from keras==2.2.4) (3.6.0)
Requirement already satisfied: pyyaml in c:\users\mm\anaconda3\lib\site-packages (from keras==2.2.4) (6.0)
Requirement already satisfied: scipy>=0.14 in c:\users\mm\anaconda3\lib\site-packages (from keras==2.2.4) (1.7.3)
Collecting keras-applications>=1.0.6
  Downloading Keras Applications-1.0.8-py3-none-any.whl (50 kB)
    | 50 kB 251 kB/s
Requirement already satisfied: keras-preprocessing>=1.0.5 in c:\users\mm\anaconda3\lib\site-packages (from keras==2.2.4) (1.1.2)
Requirement already satisfied: numpy>=1.9.1 in c:\users\mm\anaconda3\lib\site-packages (from keras==2.2.4) (1.23.3)
Collecting numpy>=1.9.1
  Downloading numpy-1.22.4-cp39-cp39-win_amd64.whl (14.7 MB)
    | 14.7 MB 152 kB/s
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
Installing collected packages: numpy, keras-applications, keras
Attempting uninstall: numpy
  WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
  Found existing installation: numpy 1.23.3
  Uninstalling numpy-1.23.3:
  Successfully uninstalled numpy-1.23.3
Attempting uninstall: keras
  WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
  Found existing installation: keras 2.10.0
  Uninstalling keras-2.10.0:
  Successfully uninstalled keras-2.10.0
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
ERROR: pip's dependency resolver does not currently take into account all the packages that are installed. This behaviour is the source of the following dependency conflicts.
dask 2021.5.0 requires dask==2021.4.0, which is not installed.
tensorflow 2.10.0 requires keras<2.11,>=2.10.0, but you have keras 2.2.4 which is incompatible.
numba 0.55.1 requires numpy<1.22,>=1.18, but you have numpy 1.22.4 which is incompatible.
Successfully installed Keras-2.2.4 keras-applications-1.0.8 numpy-1.22.4
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)

(base) C:\WINDOWS\system32>pip install tensorflow==2.5.0
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
Collecting tensorflow==2.5.0
  Downloading tensorflow-2.5.0-cp39-cp39-win_amd64.whl (422.6 MB)
    | 422.6 MB 67 kB/s
Collecting six~=1.15.0
```

```
Administrator: Anaconda Prompt (anaconda3)
(base) C:\WINDOWS\system32>pip install opencv-python
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
Requirement already satisfied: opencv-python in c:\users\mm\anaconda3\lib\site-packages (4.6.0.66)
Requirement already satisfied: numpy>=1.17.3 in c:\users\mm\anaconda3\lib\site-packages (from opencv-python) (1.19.5)
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)

(base) C:\WINDOWS\system32>pip install imutils
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
Requirement already satisfied: imutils in c:\users\mm\anaconda3\lib\site-packages (0.5.4)
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)

(base) C:\WINDOWS\system32>pip install virtuen
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
ERROR: Could not find a version that satisfies the requirement virtuen (from versions: none)
ERROR: No matching distribution found for virtuen
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)

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