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Anaconda Notebooks New!

Cloud notebooks with hundreds of packages ready to code.

A full Python IDE directly from the

[Documentation]

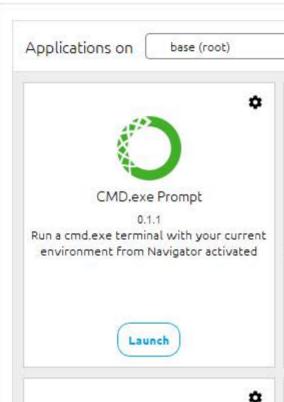[Anaconda Blog]

⚙️

CMD.exe Prompt

0.1.1

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

[Launch]

⚙️

Datalore

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.

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⚙️

IBM Watson Studio Cloud

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

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⚙️

Powershell Prompt

0.0.1

Run a Powershell terminal with your current environment from Navigator activated

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⚙️

Qt Console

↗ 5.3.0

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

⚙️

Spyder

↗ 5.1.5

Scientific PYthon Development EnviRonment. Powerful Python IDE with advanced editing, interactive testing,

```
(base) C:\Users\Admin>pip install tensorflow
Collecting tensorflow
  Downloading tensorflow-2.10.1-cp39-cp39-win_amd64.whl (455.9 MB)
     |                                | 455.9 MB 6.1 kB/s
Requirement already satisfied: wrapt>=1.11.0 in c:\users\admin\anaconda3\lib\site-packages (from tensorflow) (1.12.1)
Collecting tensorflow-estimator<2.11,>=2.10.0
  Downloading tensorflow_estimator-2.10.0-py2.py3-none-any.whl (438 kB)
     |                                | 438 kB 2.2 MB/s
Requirement already satisfied: setuptools in c:\users\admin\anaconda3\lib\site-packages (from tensorflow) (61.2.0)
Collecting gast<=0.4.0,>=0.2.1
  Downloading gast-0.4.0-py3-none-any.whl (9.8 kB)
Requirement already satisfied: six>=1.12.0 in c:\users\admin\anaconda3\lib\site-packages (from tensorflow) (1.16.0)
Collecting keras<2.11,>=2.10.0
  Downloading keras-2.10.0-py2.py3-none-any.whl (1.7 MB)
     |                                | 1.7 MB 1.3 MB/s
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 1.6 MB/s
Collecting google-pasta>=0.1.1
  Downloading google_pasta-0.2.0-py3-none-any.whl (57 kB)
     |                                | 57 kB 1.5 MB/s
Requirement already satisfied: protobuf<3.20,>=3.9.2 in c:\users\admin\anaconda3\lib\site-packages (from tensorflow) (3.19.1)
Collecting flatbuffers>=2.0
  Downloading flatbuffers-22.10.26-py2.py3-none-any.whl (26 kB)
Requirement already satisfied: packaging in c:\users\admin\anaconda3\lib\site-packages (from tensorflow) (21.3)
Requirement already satisfied: grpcio<2.0,>=1.24.3 in c:\users\admin\anaconda3\lib\site-packages (from tensorflow) (1.42.0)
Collecting absl-py>=1.0.0
  Downloading absl_py-1.3.0-py3-none-any.whl (124 kB)
     |                                | 124 kB 2.2 MB/s
Collecting keras-preprocessing>=1.1.1
  Downloading Keras_Preprocessing-1.1.2-py2.py3-none-any.whl (42 kB)
     |                                | 42 kB 437 kB/s
Collecting libclang>=13.0.0
  Downloading libclang-14.0.6-py2.py3-none-win_amd64.whl (14.2 MB)
     |                                | 14.2 MB 105 kB/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 2.2 MB/s
Requirement already satisfied: h5py>=2.9.0 in c:\users\admin\anaconda3\lib\site-packages (from tensorflow) (3.6.0)
Collecting termcolor>=1.1.0
  Downloading termcolor-2.1.0-py3-none-any.whl (5.8 kB)
```

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Anaconda Prompt (anaconda3)                                                          —    □    ✕

Collecting termcolor>=1.1.0
  Downloading termcolor-2.1.0-py3-none-any.whl (5.8 kB)
Requirement already satisfied: typing-extensions>=3.6.6 in c:\users\admin\anaconda3\lib\site-packages (from tensorflow) (4.1.1)
Requirement already satisfied: numpy>=1.20 in c:\users\admin\anaconda3\lib\site-packages (from tensorflow) (1.21.5)
Collecting opt-einsum>=2.3.2
  Downloading opt_einsum-3.3.0-py3-none-any.whl (65 kB)
     |████████████████████████████████| 65 kB 1.3 MB/s
Requirement already satisfied: wheel<1.0,>=0.23.0 in c:\users\admin\anaconda3\lib\site-packages (from astunparse>=1.6.0->tensorflow) (0.37.1)
Collecting tensorboard-data-server<0.7.0,>=0.6.0
  Downloading tensorboard_data_server-0.6.1-py3-none-any.whl (2.4 kB)
Requirement already satisfied: markdown>=2.6.8 in c:\users\admin\anaconda3\lib\site-packages (from tensorboard<2.11,>=2.10->tensorflow) (3.3.4)
Collecting tensorboard-plugin-wit>=1.6.0
  Downloading tensorboard_plugin_wit-1.8.1-py3-none-any.whl (781 kB)
     |████████████████████████████████| 781 kB 3.2 MB/s
Requirement already satisfied: werkzeug>=1.0.1 in c:\users\admin\anaconda3\lib\site-packages (from tensorboard<2.11,>=2.10->tensorflow) (2.0.3)
Collecting google-auth-oauthlib<0.5,>=0.4.1
  Downloading google_auth_oauthlib-0.4.6-py2.py3-none-any.whl (18 kB)
Requirement already satisfied: requests<3,>=2.21.0 in c:\users\admin\anaconda3\lib\site-packages (from tensorboard<2.11,>=2.10->tensorflow) (2.27.1)
Requirement already satisfied: google-auth<3,>=1.6.3 in c:\users\admin\anaconda3\lib\site-packages (from tensorboard<2.11,>=2.10->tensorflow) (1.33.0)
Requirement already satisfied: pyasn1-modules>=0.2.1 in c:\users\admin\anaconda3\lib\site-packages (from google-auth<3,>=1.6.3->tensorboard<2.11,>=2.10->tensorflow) (0.
2.8)
Requirement already satisfied: cachetools<5.0,>=2.0.0 in c:\users\admin\anaconda3\lib\site-packages (from google-auth<3,>=1.6.3->tensorboard<2.11,>=2.10->tensorflow) (4
.2.2)
Requirement already satisfied: rsa<5,>=3.1.4 in c:\users\admin\anaconda3\lib\site-packages (from google-auth<3,>=1.6.3->tensorboard<2.11,>=2.10->tensorflow) (4.7.2)
Collecting requests-oauthlib>=0.7.0
  Downloading requests_oauthlib-1.3.1-py2.py3-none-any.whl (23 kB)
Requirement already satisfied: pyasn1<0.5.0,>=0.4.6 in c:\users\admin\anaconda3\lib\site-packages (from pyasn1-modules>=0.2.1->google-auth<3,>=1.6.3->tensorboard<2.11,>
=2.10->tensorflow) (0.4.8)
Requirement already satisfied: certifi>=2017.4.17 in c:\users\admin\anaconda3\lib\site-packages (from requests<3,>=2.21.0->tensorboard<2.11,>=2.10->tensorflow) (2021.10
.8)
Requirement already satisfied: idna<4,>=2.5 in c:\users\admin\anaconda3\lib\site-packages (from requests<3,>=2.21.0->tensorboard<2.11,>=2.10->tensorflow) (3.3)
Requirement already satisfied: urllib3<1.27,>=1.21.1 in c:\users\admin\anaconda3\lib\site-packages (from requests<3,>=2.21.0->tensorboard<2.11,>=2.10->tensorflow) (1.26
.9)
Requirement already satisfied: charset-normalizer~=2.0.0 in c:\users\admin\anaconda3\lib\site-packages (from requests<3,>=2.21.0->tensorboard<2.11,>=2.10->tensorflow) (
2.0.4)
Collecting oauthlib>=3.0.0
  Downloading oauthlib-3.2.2-py3-none-any.whl (151 kB)
     |████████████████████████████████| 151 kB 3.2 MB/s
Requirement already satisfied: pyparsing!=3.0.5,>=2.0.2 in c:\users\admin\anaconda3\lib\site-packages (from packaging->tensorflow) (3.0.4)
Installing collected packages: oauthlib, requests-oauthlib, tensorboard-plugin-wit, tensorboard-data-server, google-auth-oauthlib, absl-py, termcolor, tensorflow-io-gcs
-filesystem, tensorflow-estimator, tensorboard, opt-einsum, libclang, keras-preprocessing, keras, google-pasta, gast, flatbuffers, astunparse, tensorflow
Successfully installed absl-py-1.3.0 astunparse-1.6.3 flatbuffers-22.10.26 gast-0.4.0 google-auth-oauthlib-0.4.6 google-pasta-0.2.0 keras-2.10.0 keras-preprocessing-1.1
.2 libclang-14.0.6 oauthlib-3.2.2 opt-einsum-3.3.0 requests-oauthlib-1.3.1 tensorboard-2.10.1 tensorboard-data-server-0.6.1 tensorboard-plugin-wit-1.8.1 tensorflow-2.10
.1 tensorflow-estimator-2.10.0 tensorflow-io-gcs-filesystem-0.27.0 termcolor-2.1.0
```

```
Anaconda Prompt (anaconda3)                                                                    —    □    ✕

Requirement already satisfied: charset-normalizer~=2.0.0 in c:\users\admin\anaconda3\lib\site-packages (from requests<3,>=2.21.0->tensorboard<2.11,>=2.10->tensorflow) (
2.0.4)
Collecting oauthlib>=3.0.0
  Downloading oauthlib-3.2.2-py3-none-any.whl (151 kB)
     |████████████████████████████████| 151 kB 3.2 MB/s
Requirement already satisfied: pyparsing!=3.0.5,>=2.0.2 in c:\users\admin\anaconda3\lib\site-packages (from packaging->tensorflow) (3.0.4)
Installing collected packages: oauthlib, requests-oauthlib, tensorboard-plugin-wit, tensorboard-data-server, google-auth-oauthlib, absl-py, termcolor, tensorflow-io-gcs
-filesystem, tensorflow-estimator, tensorboard, opt-einsum, libclang, keras-preprocessing, keras, google-pasta, gast, flatbuffers, astunparse, tensorflow
Successfully installed absl-py-1.3.0 astunparse-1.6.3 flatbuffers-22.10.26 gast-0.4.0 google-auth-oauthlib-0.4.6 google-pasta-0.2.0 keras-2.10.0 keras-preprocessing-1.1
.2 libclang-14.0.6 oauthlib-3.2.2 opt-einsum-3.3.0 requests-oauthlib-1.3.1 tensorboard-2.10.1 tensorboard-data-server-0.6.1 tensorboard-plugin-wit-1.8.1 tensorflow-2.10
.1 tensorflow-estimator-2.10.0 tensorflow-io-gcs-filesystem-0.27.0 termcolor-2.1.0

(base) C:\Users\Admin>pip install keras
Requirement already satisfied: keras in c:\users\admin\anaconda3\lib\site-packages (2.10.0)

(base) C:\Users\Admin>pip install opencv-python
Collecting opencv-python
  Downloading opencv_python-4.6.0.66-cp36-abi3-win_amd64.whl (35.6 MB)
     |████████████████████████████████| 35.6 MB 3.3 MB/s
Requirement already satisfied: numpy>=1.14.5 in c:\users\admin\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:\Users\Admin>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=d6628fe11d1385a85ea5aac5377a8d228a8bda278ef2834de7393e09b6b4db7d
  Stored in directory: c:\users\admin\appdata\local\pip\cache\wheels\4b\a5\2d\4a070a801d3a3d93f033d3ee9728f470f514826e89952df3ea
Successfully built imutils
Installing collected packages: imutils
Successfully installed imutils-0.5.4

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