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A full Python IDE directly from the

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Anaconda Blog



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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.

Install

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.

Launch



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

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

Launch

Jupyter
Notebook

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

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

Launch



Spyder

Scientific Python Development Environment. Powerful Python IDE with advanced editing, interactive testing, debugging and introspection features

Launch



Glueviz

Multidimensional data visualization across files. Explore relationships within and among related datasets.

Install



Orange 3

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

A set of integrated tools designed to help you be more productive with R. Includes R essentials and notebooks.

```
Microsoft Windows [Version 10.0.19044.2130]
```

11. <http://www.fishbase.org>

Collecting tensorflow

455.9 MB 2.2 MB/s

Downloading astunparse-1.6.3-py2.py3-none-any.whl (12 kB)

Downloading google_pasta-0.2.0-py3-none-any.whl (57 kB)

Downloading termcolor-2.1.0-py3-none-any.whl (5.8 kB)

Requirement already satisfied: typing-extensions>=3.6.6 in c:\users\acer.desktop-r64cbqu\anaconda3\lib\site-packages (from tensorflow) (4.1.1)

Downloading keras-2.10.0-py2.py3-none-any.whl (1.7 MB)

Collecting tensorflow-io-gcs-filesystem>=0.23.1

1.5 MB 3.3 MB/s

Requirement already satisfied: numpy>=1.20 in c:\users\acer.desktop-r64cbqu\anaconda3\lib\site-packages (from tensorflow) (1.21.5)

Downloading flatbuffers-22.10.26-py2.py3-none-any.whl (26 kB)

Requirement already satisfied: grpcio<2.0,>=1.24.3 in c:\users\acer.desktop-r64cbqu\anaconda3\lib\site-packages (from tensorflow) (1.42.0)

Downloading Keras_Preprocessing-1.1.2-py2.py3-none-any.whl (42 kB)

Downloading libclang-14.0.6-py2.py3-none-win_amd64.whl (14.2 MB)

14.2 MB 3.3 MB/s

Requirement already satisfied: h5py>=2.9.0 in c:\users\acer.desktop-r64cbqu\anaconda3\lib\site-packages (from tensorflow) (3.6.0)

Requirement already satisfied: wrapt>=1.11.0 in c:\users\acer.desktop-r64cbqu\anaconda3\lib\site-packages (from tensorflow) (1.12.1)

Collecting tensorboard<2.11,>=2.10

Downloading tensorboard-2.10.1-py3-none-any.whl (5.9 MB)

Collecting opt-einsum>=2.3.2

Downloading opt_einsum-3.3.0-py3-none-any.whl (65 kB)

Collecting absl-py>=1.0.0

Downloading absl_py-1.3.0-py3-none-any.whl (124 kB)

Collecting gast<=0.4.0,>=0.2.1

```

Downloading gast-0.4.0-py3-none-any.whl (9.8 kB)

```

Collecting tensorflow-estimator<2.11,>=2.10.0

```
Downloading tensorflow_estimator-2.10.0-py2.py3-none-any.whl (438 kB)
```

cmd Select C:\Windows\system32\cmd.exe

Microsoft Windows [Version 10.0.19044.2130]

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```
(base) C:\Users\ACER.DESKTOP-R64CBQU>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 726 kB/s

Requirement already satisfied: numpy>=1.9.1 in c:\users\acer.desktop-r64cbqu\anaconda3\lib\site-packages (from keras==2.2.4) (1.21.5)

Requirement already satisfied: keras-preprocessing>=1.0.5 in c:\users\acer.desktop-r64cbqu\anaconda3\lib\site-packages (from keras==2.2.4) (1.1.2)

```
Requirement already satisfied: scipy>=0.14 in c:\users\acer.desktop-r64cbqu\anaconda3\lib\site-packages (from keras==2.2.4) (1.7.3)
```

```
Requirement already satisfied: six>=1.9.0 in c:\users\lacer.desktop-r64cbqu\anaconda3\lib\site-packages (from keras==2.2.4) (1.16.0)
```

```
Requirement already satisfied: h5py in c:\users\acer.desktop-r64cbqu\anaconda3\lib\site-packages (from keras==2.2.4) (3.6.0)
```

Requirement already satisfied: pyyaml in c:\users\acer\Desktop\r64cbqu\anaconda3\lib\site-packages (from keras==2.2.4) (6.0)

Collecting keras-applications>=1.0.6

Downloading Keras_Applications-1.0.8-py3-none-any.whl (50 kB)

50 kB 1.6 MB/s

```
Installing collected packages: keras-applications, keras
```

```
Attempting uninstall: keras
```

```
Found existing installation: keras 2.10.0
```

```
Uninstalling keras-2.10.0:
```

```
Successfully uninstalled keras-2.10.0
```

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.

```
tensorflow 2.10.0 requires keras<2.11,>=2.10.0, but you have keras 2.2.4 which is incompatible.
```

```
Successfully installed keras-2.2.4 keras-applications-1.0.8
```

```
(base) C:\Users\ACER.DESKTOP-R64CBQU>
```

C:\Windows\system32\cmd.exe

Microsoft Windows [Version 10.0.19044.2130]

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(base) C:\Users\ACER.DESKTOP-R64CBQU>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 6.8 MB/s

Requirement already satisfied: numpy>=1.19.3 in c:\users\acer.desktop-r64cbqu\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\ACER.DESKTOP-R64CBQU>_

C:\Windows\system32\cmd.exe

Microsoft Windows [Version 10.0.19044.2130]

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(base) C:\Users\ACER.DESKTOP-R64CBQU>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=7c3f2b6f77963a965aa33e658672487c7b15744ef415c8243356cacd200a3248

Stored in directory: c:\users\acer.desktop-r64cbqu\appdata\local\pip\cache\wheels\4b\4a\2d\4a070a801d3a3d93f033d3ee9728f470f514826e89952df3ea

Successfully built imutils

Installing collected packages: imutils

Successfully installed imutils-0.5.4

(base) C:\Users\ACER.DESKTOP-R64CBQU>