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COLLIMATOR

Graphical UI for Control Systems Design

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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



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



PyCharm Community

2022.2.1

An IDE by JetBrains for pure Python development. Supports code completion, listing, and debugging.

Launch



IPyT Console

5.3.0

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

Launch



Spyder

5.1.5

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

Launch



VS Code

1.72.0

Streamlined code editor with support for development operations like debugging, task running and version control.

Launch



Datalore

Kick-start your data science projects in seconds in a pre-configured environment. Enjoy coding assistance for Python, SQL, and R in Jupyter notebooks and benefit from no-code automations. Use Datalore online for free.

Launch



Deepnote

Deepnote is a notebook built for collaboration. Create notebooks in your browser, spin up your conda environment in seconds and share with a link.

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



Oracle Data Science Service

OCI Data Science offers a machine learning platform to build, train, manage, and



Glueviz

1.0.0

Multidimensional data visualization across files. Explore relationships within and



Orange 3

3.32.0

Component based data mining Framework. Data visualization and data analysis for



PyCharm Professional

A Full-fledged IDE by JetBrains for both Scientific and Web Python development.



RStudio

1.1.456

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

```
(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>_
```