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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.

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JupyterLab

2.2.6

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

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Jupyter Notebook

6.1.4

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

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Qt Console

4.7.7

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

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4.1.5

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

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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

1.1.456

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

Install

A screenshot of a file explorer window. The address bar shows the path: / ... / Python-DataScience-MachineLearning-v11_00 / 0-Installationen /. The file list has two columns: 'Name' and 'Last Modified'. The files listed are: 'archive.ics.uci.edu' (21 hours ago), '00-PythonDS_ML-PipInstallation-Abhae...' (2 days ago), '01-PythonDS_ML-CondaInstallation-Ab...' (4 months ago), '101_numpy.ipynb' (21 hours ago), 'aufg_4_3.ipynb' (3 minutes ago), 'bg_datamatics_top.png' (4 months ago), 'requirements.txt' (5 months ago), and 'Untitled.ipynb' (20 hours ago). The 'Untitled.ipynb' file is highlighted in blue. On the left side of the window, there are icons for a folder, a search icon, a gear (settings), and a puzzle piece.

```
00-PythonDS_ML-PipInstall x 101_numpy.ipynb x aufg_4_3.ipynb x
Python 3

[13]: # https://www.machinelearningplus.com/python/101-pandas-exercises-python/

[50]: %pip install pandas
      %pip install jupyter_contrib_nbextensions

import pandas as pd

url = 'https://raw.githubusercontent.com/edlich/eternalrepo/master/DS-WAHLFACH/countries.csv'
df = pd.read_csv(url)
df

Requirement already satisfied: pandas in /home/guido/anaconda3/lib/python3.8/site-packages (1.1.3)
Requirement already satisfied: numpy>=1.15.4 in /home/guido/anaconda3/lib/python3.8/site-packages (from pandas) (1.19.2)
Requirement already satisfied: python-dateutil>=2.7.3 in /home/guido/anaconda3/lib/python3.8/site-packages (from pandas) (2.8.1)
Requirement already satisfied: pytz>=2017.2 in /home/guido/anaconda3/lib/python3.8/site-packages (from pandas) (2020.1)
Requirement already satisfied: six>=1.5 in /home/guido/anaconda3/lib/python3.8/site-packages (from python-dateutil>=2.7.3->pandas) (1.15.0)
Note: you may need to restart the kernel to use updated packages.
Requirement already satisfied: jupyter_contrib_nbextensions in /home/guido/anaconda3/lib/python3.8/site-packages (0.5.1)
Requirement already satisfied: pyyaml in /home/guido/anaconda3/lib/python3.8/site-packages (from jupyter_contrib_nbextensions) (5.3.1)
Requirement already satisfied: nbconvert>=4.2 in /home/guido/anaconda3/lib/python3.8/site-packages (from jupyter_contrib_nbextensions) (6.0.7)
Requirement already satisfied: jupyter-contrib-core>=0.3.3 in /home/guido/anaconda3/lib/python3.8/site-packages (from jupyter_contrib_nbextensions) (0.3.3)
Requirement already satisfied: notebook>=4.0 in /home/guido/anaconda3/lib/python3.8/site-packages (from jupyter_contrib_nbextensions) (6.1.4)
Requirement already satisfied: ipython-genutils in /home/guido/anaconda3/lib/python3.8/site-packages (from jupyter_contrib_nbextensions) (0.2.0)
Requirement already satisfied: tornado in /home/guido/anaconda3/lib/python3.8/site-packages (from jupyter_contrib_nbextensions) (6.0.4)
Requirement already satisfied: traitlets>=4.1 in /home/guido/anaconda3/lib/python3.8/site-packages (from jupyter_contrib_nbextensions) (5.0.5)
Requirement already satisfied: jupyter-core in /home/guido/anaconda3/lib/python3.8/site-packages (from jupyter_contrib_nbextensions) (4.6.3)
Requirement already satisfied: lxml in /home/guido/anaconda3/lib/python3.8/site-packages (from jupyter_contrib_nbextensions) (4.6.1)
Requirement already satisfied: jupyter-highlight-selected-word>=0.1.1 in /home/guido/anaconda3/lib/python3.8/site-packages (from jupyter_contrib_nbextensions) (0.2.0)
Requirement already satisfied: jupyter-latex-envs>=1.3.8 in /home/guido/anaconda3/lib/python3.8/site-packages (from jupyter_contrib_nbextensions) (1.4.6)
Requirement already satisfied: jupyter-nbextensions-configurator>=0.4.0 in /home/guido/anaconda3/lib/python3.8/site-packages (from jupyter_contrib_nbextensions) (0.4.1)
Requirement already satisfied: setuptools in /home/guido/anaconda3/lib/python3.8/site-packages (from jupyter-contrib-core>=0.3.3->jupyter_contrib_nbextensions) (50.3.1.post20201107)
Requirement already satisfied: ipython in /home/guido/anaconda3/lib/python3.8/site-packages (from jupyter-latex-envs>=1.3.8->jupyter_contrib_nbextensions) (7.19.0)
Requirement already satisfied: mistune<2,>=0.8.1 in /home/guido/anaconda3/lib/python3.8/site-packages (from nbconvert>=4.2->jupyter_contrib_nbextensions) (0.8.4)
Requirement already satisfied: entrypoints>=0.2.2 in /home/guido/anaconda3/lib/python3.8/site-packages (from nbconvert>=4.2->jupyter_contrib_nbextensions) (0.3)
Requirement already satisfied: bleach in /home/guido/anaconda3/lib/python3.8/site-packages (from nbconvert>=4.2->jupyter_contrib_nbextensions) (3.2.1)
Requirement already satisfied: defusedxml in /home/guido/anaconda3/lib/python3.8/site-packages (from nbconvert>=4.2->jupyter_contrib_nbextensions) (0.6.0)
Requirement already satisfied: jupyterlab-pygments in /home/guido/anaconda3/lib/python3.8/site-packages (from nbconvert>=4.2->jupyter_contrib_nbextensions) (0.1.2)
Requirement already satisfied: nbclient<0.6.0,>=0.5.0 in /home/guido/anaconda3/lib/python3.8/site-packages (from nbconvert>=4.2->jupyter_contrib_nbextensions) (0.5.1)
Requirement already satisfied: testpath in /home/guido/anaconda3/lib/python3.8/site-packages (from nbconvert>=4.2->jupyter_contrib_nbextensions) (0.4.4)
Requirement already satisfied: pygments>=2.4.1 in /home/guido/anaconda3/lib/python3.8/site-packages (from nbconvert>=4.2->jupyter_contrib_nbextensions) (2.7.2)
Requirement already satisfied: pandocfilters>=1.4.1 in /home/guido/anaconda3/lib/python3.8/site-packages (from nbconvert>=4.2->jupyter_contrib_nbextensions) (1.4.3)
Requirement already satisfied: nbformat>=4.4 in /home/guido/anaconda3/lib/python3.8/site-packages (from nbconvert>=4.2->jupyter_contrib_nbextensions) (5.0.8)
Requirement already satisfied: Jinja2>=2.4 in /home/guido/anaconda3/lib/python3.8/site-packages (from nbconvert>=4.2->jupyter_contrib_nbextensions) (2.11.2)
Requirement already satisfied: MarkupSafe>=0.23 in /home/guido/anaconda3/lib/python3.8/site-packages (from Jinja2>=2.4->nbconvert>=4.2->jupyter_contrib_nbextensions) (1.1.1)
```