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Code: 20181167439

Software Engineering

Data Science

Ways to upload csv Files



C:\Users\User\Desktop\data_science_fundamentals-master\chapter_03\src\load_csv_numpy.py

load_csv_numpy.py*

```
1 from numpy import loadtxt
2 filename = '../datasets/iris.csv'
3 raw_data = open(filename, 'r')
4 data = loadtxt(raw_data, delimiter=",", dtype=object)
5 print(data.shape)
6
```

Origen

Terminal

Objeto

Uso

Here you can get help of any object by pressing **Ctrl+I** in front of it, either on the Editor or the Console.

Help can also be shown automatically after writing a left parenthesis next to an object. You can activate this behavior in *Preferencias > Ayuda*.

Explorador de variables

Ayuda

Gráficos

Archivos

Terminal 1/A

```
In [105]: runfile('C:/Users/User/Desktop/
data_science_fundamentals-master/chapter_03/src/
load_csv_numpy.py', wdir='C:/Users/User/Desktop/
data_science_fundamentals-master/chapter_03/
src')
(150, 5)
```

```
In [106]:
```

Terminal de IPython

Historial



C:\Users\User\Desktop\data_science_fundamentals-master\chapter_03\src

C:\Users\User\Desktop\data_science_fundamentals-master\chapter_03\src\load_csv_numpy_from_url.py

load_csv_numpy_from_url.py*

```
1 # Load CSV from URL using NumPy
2 from numpy import loadtxt
3 from urllib.request import urlopen
4 url = 'https://raw.githubusercontent.com/juancasi/data_science_fundamentals/'
5 url += 'master/chapter_03/datasets/iris.csv'
6 raw_data = urlopen(url)
7 dataset = loadtxt(raw_data, delimiter=",", dtype=object)
8 print(dataset.shape)
9
```

Uso

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Explorador de variables Ayuda Gráficos Archivos

Terminal 1/A

```
In [105]: runfile('C:/Users/User/Desktop/
data_science_fundamentals-master/chapter_03/src/
load_csv_numpy.py', wdir='C:/Users/User/Desktop/
data_science_fundamentals-master/chapter_03/
src')
(150, 5)

In [106]: runfile('C:/Users/User/Desktop/
data_science_fundamentals-master/chapter_03/src/
load_csv_numpy_from_url.py', wdir='C:/Users/
User/Desktop/data_science_fundamentals-master/
chapter_03/src')
(150, 5)

In [107]:
```

Terminal de IPython Historial



C:\Users\User\Desktop\data_science_fundamentals-master\chapter_03\src\load_csv_pandas.py

load_csv_pandas.py x

```
1 # Load CSV using Pandas
2 from pandas import read_csv
3 filename = '../datasets/iris.csv'
4 names = ['preg', 'plas', 'pres', 'skin', 'test', 'mass', 'pedi', 'age', 'class']
5 data = read_csv(filename, names=names)
6 print(data.shape)
7
```

Origen

Terminal

Objeto

Uso

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Explorador de variables

Ayuda

Gráficos

Archivos

Terminal 1/A x

```
In [112]: runfile('C:/Users/User/Desktop/
data_science_fundamentals-master/chapter_03/src/
load_csv_pandas.py', wdir='C:/Users/User/
Desktop/data_science_fundamentals-master/
chapter_03/src')
(150, 9)
```

```
In [113]:
```

Terminal de IPython

Historial



C:\Users\User\Desktop\data_science_fundamentals-master\chapter_03\src\load_csv_pandas_from_url.py

load_csv_pandas_from_url.py x

```
1 # Load CSV using Pandas from URL
2 from pandas import read_csv
3 url = 'https://raw.githubusercontent.com/juancasi/data_science_fundamentals/'
4 url += 'master/chapter_03/datasets/iris.csv'
5 names = ['preg', 'plas', 'pres', 'skin', 'test', 'mass', 'pedi', 'age', 'class']
6 data = read_csv(url, names=names)
7 print(data.shape)
8
```

Origen

Terminal

Objeto

Uso

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Explorador de variables

Ayuda

Gráficos

Archivos

Terminal 1/A x

```
In [116]: runfile('C:/Users/User/Desktop/
data_science_fundamentals-master/chapter_03/src/
load_csv_pandas_from_url.py', wdir='C:/Users/
User/Desktop/data_science_fundamentals-master/
chapter_03/src')
(150, 9)
```

```
In [117]:
```

Terminal de IPython

Historial



C:\Users\User\Desktop\data_science_fundamentals-master\chapter_03\src\load_csv_python.py

load_csv_python.py x

```
1 import csv
2 import numpy
3 filename = '../datasets/iris.csv'
4 raw_data = open(filename, 'r')
5 reader = csv.reader(raw_data, delimiter=',', quoting=csv.QUOTE_NONE)
6 x = list(reader)
7 data = numpy.array(x).astype('object')
8 print(data.shape)
9
```

Origen

Terminal

Objeto

Uso

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Explorador de variables

Ayuda

Gráficos

Archivos

Terminal 1/A x

```
In [123]: runfile('C:/Users/User/Desktop/
data_science_fundamentals-master/chapter_03/src/
load_csv_python.py', wdir='C:/Users/User/
Desktop/data_science_fundamentals-master/
chapter_03/src')
(151,)
```

```
In [124]:
```

Terminal de IPython

Historial