Final note

30 September 2024   12:21

Video 06-02

Json {", c"}= Python dic

Use data from the website

Also Need to install requests   (Website requests)

```
from pandas import json_normalize
import requests
```
→ On the Top

```
1 usage
def case14():
    BASE_URL = 'https://fakestorepai.com'


    print()
```



```python
1 usage
def case14():
    BASE_URL = 'https://fakestoreapi.com'
    response = requests.get(BASE_URL + "/products")
    data = response.json()
    df = json_normalize(data)
    print(df[['id','title','category'_]])
    print(response)


if __name__ == '__main__':
    #case11()
    #case12()
    #case13()
    case14()
```
→ Website's link

```
"C:\Users\User\PycharmProjects\Final practice2\.venv\Scripts\python.exe" "C:\Us
   id                                               title         category
0   1   Fjallraven - Foldsack No. 1 Backpack, Fits 15 ...   men's clothing
1   2           Mens Casual Premium Slim Fit T-Shirts       men's clothing
2   3                          Mens Cotton Jacket           men's clothing
3   4                       Mens Casual Slim Fit            men's clothing
4   5   John Hardy Women's Legends Naga Gold & Silver ...         jewelery
5   6               Solid Gold Petite Micropave                   jewelery
6   7               White Gold Plated Princess                    jewelery
7   8   Pierced Owl Rose Gold Plated Stainless Steel D...         jewelery
8   9   WD 2TB Elements Portable External Hard Drive -...      electronics
9  10   SanDisk SSD PLUS 1TB Internal SSD - SATA III 6       electronics
```

```json
[
  {
    "id": 1,
    "title": "Fjallraven - Foldsack No. 1 Backpack, Fits 15 Laptops",
    "price": 109.95,
    "description": "Your perfect pack for everyday use and walks in the f
laptop (up to 15 inches) in the padded sleeve, your everyday",
    "category": "men's clothing",
    "image": "https://fakestoreapi.com/img/81fPKd-2AYL._AC_SL1500_.jpg",
    "rating": {
      "rate": 3.9,
      "count": 120
    }
  },
  {
    "id": 2,
    "title": "Mens Casual Premium Slim Fit T-Shirts ",
    "price": 22.3,
    "description": "Slim-fitting style, contrast raglan long sleeve, thre
placket, light weight & soft fabric for breathable and comfortable wearing. A
shirts with round neck made for durability and a great fit for casual fashion
baseball fans. The Henley style round neckline includes a three-button placke
    "category": "men's clothing",
    "image": "https://fakestoreapi.com/img/71-3HjGNDUL._AC_SY879._SX._UX.
    "rating": {
      "rate": 4.1,
      "count": 259
    }
  },
  {
    "id": 3,
    "title": "Mens Cotton Jacket",
    "price": 55.99,
    "description": "great outerwear jackets for Spring/Autumn/Winter, sui
occasions, such as working, hiking, camping, mountain/rock climbing, cycling,
outdoors. Good gift choice for you or your family member. A warm hearted love
or son in this thanksgiving or Christmas Day.",
    "category": "men's clothing",
    "image": "https://fakestoreapi.com/img/71li-ujtlUL._AC_UX679_.jpg",
    "rating": {
      "rate": 4.7,
      "count": 500
    }
  },
  {
    "id": 4,
    "title": "Mens Casual Slim Fit",
    "price": 15.99,
    "description": "The color could be slightly different between on the
practice. / Please note that body builds vary by person, therefore, detailed
should be reviewed below on the product description.",
    "category": "men's clothing",
    "image": "https://fakestoreapi.com/img/71YXzeOuslL._AC_UY879_.jpg",
    "rating": {
      "rate": 2.1,
      "count": 430
    }
  },
  {
```

Class note

```python
     1 usage
     def workshop01():
 5
 6       path = "C:\\Users\\User\\Downloads\\transactions.csv"
 7       df = pd.read_csv(path)
 8       # filter only US
 9       df2 = df[df['shippingCountry'].notnull()]
10       df3 = df2.query("shippingCountry in ('US')")
11       print(df3.head())
12
13
```

workshop01()

🐍 main ✕

"C:\Users\User\PycharmProjects\Final practice3.1\.venv\Scripts\py
          accountID ... transactionDateTime
0 I4127227587819694 ...   3/8/2007 18:03
2 Z6376643485803420 ...   4/7/2007 19:39
3 R86092900025411138 ...   5/16/2007 11:37
5 W9847720367646182 ...   2/11/2007 1:59
6 U5867366267578316 ...   2/24/2007 20:39

Data filtering
 - Big data filter