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100-days-of-machine-learning / day17-api-to-dataframe / day17.ipynb 

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3 years ago  

484 lines (484 loc) · 15 KB

Preview

Code

Blame

Raw  

```
In [1]: import pandas as pd
import requests
```

```
In [6]: response = requests.get('https://api.themoviedb.org/3/movie/top_rated?api_
```

```
In [7]: temp_df = pd.DataFrame(response.json()['results'])[['id','title','overview
```

```
In [34]: df.head()
```

```
Out[34]:
```

	id	title	overview	release_date	popularity	vote_average	vote_count
0	19404	Dilwale Dulhania Le Jayenge	Raj is a rich, carefree, happy- go-lucky second...	1995-10-20	18.433	8.7	2763
1	724089	Gabriel's Inferno Part II	Professor Gabriel Emerson finally learns the t...	2020-07-31	8.439	8.7	1223
2	278	The Shawshank Redemption	Framed in the 1940s for the double murder of h...	1994-09-23	65.570	8.7	1863
3	238	The Godfather	Spanning the years 1945 to 1955, a chronicle o...	1972-03-14	63.277	8.7	1405
4	761053	Gabriel's Inferno Part III	The final part of the film adaption of the ero...	2020-11-19	26.691	8.7	773

```
In [17]: df = pd.DataFrame()
```

```
In [18]: df
```

```
Out[18]: —
```

```
In [19]: for i in range(1,429):
response = requests.get('https://api.themoviedb.org/3/movie/top_rated?
temp_df = pd.DataFrame(response.json()['results'])[['id','title','over
df = df.append(temp_df,ignore_index=True)
```

In [21]:

df

Out[21]:

	id	title	overview	release_date	popularity	vote_average	vote_
0	19404	Dilwale Dulhania Le Jayenge	Raj is a rich, carefree, happy-go-lucky second...	1995-10-20	18.433	8.7	
1	724089	Gabriel's Inferno Part II	Professor Gabriel Emerson finally learns the t...	2020-07-31	8.439	8.7	
2	278	The Shawshank Redemption	Framed in the 1940s for the double murder of h...	1994-09-23	65.570	8.7	
3	888	The	Spanning the years 1945 to	1978-08-11	88.877	8.7	