Fetching data from API - Application Programming Interface

Lets fetch data from tmbd

```python
# First of all create API and tmbd database
```

```python
import pandas as pd
import requests
```

```python
response = requests.get('https://api.themoviedb.org/3/movie/top_rated?api_key=8a1634e88dfc3a70d8ae7b11b3be93e6&
```

```python
df = pd.DataFrame(response.json()['results'])[['id','title','overview','release_date','popularity','vote_averag
```

Here, above, we just created variable df to store dataframe, we converted into dataframe and just fetch needed column from dictionary, result is key

```python
df.head()
```

	id	title	overview	release_date	popularity	vote_average	vote_count
0	238	The Godfather	Spanning the years 1945 to 1955, a chronicle o...	1972-03-14	134.692	8.708	19152
1	278	The Shawshank Redemption	Framed in the 1940s for the double murder of h...	1994-09-23	129.351	8.707	25132
2	240	The Godfather Part II	In the continuing saga of the Corleone crime f...	1974-12-20	74.760	8.589	11545
3	424	Schindler's List	The true story of how businessman Oskar Schind...	1993-12-15	68.447	8.574	14894
4	19404	Dilwale Dulhania Le Jayenge	Raj is a rich, carefree, happy-go-lucky second...	1995-10-20	40.914	8.547	4302

Another Method

```python
import pandas as pd
import requests
```

```python
url=('https://api.themoviedb.org/3/movie/top_rated?api_key=8a1634e88dfc3a70d8ae7b11b3be93e6&language=en-US&page
```

```python
response=requests.get(url).json()
```

```python
df=pd.DataFrame(response['results'])
```

```python
df.head()
```

	adult	backdrop_path	genre_ids	id	original_language	original_title	overview	popularity	
0	False	/rSPw7tgCH9c6NqICZef4kZjFOQ5.jpg	[18, 80]	238	en	The Godfather	Spanning the years 1945 to 1955, a chronicle o...	134.692	/3bhkrj58Vtu7er
1	False	/kXfqcdQKsToO0OUXHcrrNCHDBzO.jpg	[18, 80]	278	en	The Shawshank Redemption	Framed in the 1940s for the double murder of h...	129.351	/q6y0Go1tsGEsmtFi
2	False	/kGzFbGhp99zva6oZODW5atUtnqi.jpg	[18, 80]	240	en	The Godfather Part II	In the continuing saga of the Corleone crime f...	74.760	/hek3koDUyRQk7FIf
3	False	/3f92DMBTFqr3wgXpfxzrb0qv8nG.jpg	[18, 36, 10752]	424	en	Schindler's List	The true story of how businessman Oskar Schind...	68.447	/sF1U4EUQS8YHUYj
4	False	/90ez6ArvpO8bvpyIngBuwXOqJm5.jpg	[35, 18, 10749]	19404	hi	दिलवाले दुल्हनिया ले जायेंगे	Raj is a rich, carefree, happy-go-lucky second...	40.914	/lfRkUr7DYdHldAqi3l