```
from google.colab import files
uploaded = files.upload()  # 이걸 실행하면 업로드 창이 뜸

import pandas as pd

# 업로드한 CSV 파일 읽기
df = pd.read_csv("IMDB Dataset.csv", nrows=20000)

# df를 df_json으로 복사
df_json = df.copy()

# 확인
print(df_json.head())
```

파일 선택 IMDB Dataset.csv
- **IMDB Dataset.csv**(text/csv) - 66212309 bytes, last modified: 2025. 4. 12. - 100% done
Saving IMDB Dataset.csv to IMDB Dataset (1).csv

```
                                              review sentiment
0  One of the other reviewers has mentioned that ...  positive
1  A wonderful little production. <br /><br />The...  positive
2  I thought this was a wonderful way to spend ti...  positive
3  Basically there's a family where a little boy ...  negative
4  Petter Mattei's "Love in the Time of Money" is...  positive
```

```
from google.colab import files
uploaded = files.upload()

from mpl_toolkits.mplot3d import Axes3D
from sklearn.preprocessing import StandardScaler
import matplotlib.pyplot as plt
import numpy as np
import pandas as pd

nRowsRead = 1000  # 원하는 행 수 지정
df1 = pd.read_csv('bgg_db_1806.csv', delimiter=',', nrows=nRowsRead)
df1.dataframeName = 'bgg_db_1806.csv'

# 데이터 정보 출력
nRow, nCol = df1.shape
print(f'There are {nRow} rows and {nCol} columns')

# 데이터 확인
df1.head(5)
```

파일 선택 bgg_db_1806.csv
- **bgg_db_1806.csv**(text/csv) - 1706957 bytes, last modified: 2025. 4. 12. - 100% done
Saving bgg_db_1806.csv to bgg_db_1806.csv
There are 1000 rows and 20 columns

	rank	bgg_url	game_id	names	min_players	max_players	avg_time	min_time	max_time	year	avg_rating	geek_rating	num_votes	image_url	age	mechanic	owned	category
0	1	https://boardgamegeek.com/boardgame/174430/glo...	174430	Gloomhaven	1	4	120	60	120	2017	8.98093	8.61858	15376	https://cf.geekdo-images.com/original/img/IDN3...	12	Action / Movement Programming, Cooperative Pl...	25928	Adventure, Exploration, Fantasy, Fighting, Min...
1	2	https://boardgamegeek.com/boardgame/161936/pan...	161936	Pandemic Legacy: Season 1	2	4	60	60	60	2015	8.66140	8.50163	26063	https://cf.geekdo-images.com/original/img/P_Sw...	13	Action Point Allowance System, Co-operative Pl...	41605	Environmental, Medical
2	3	https://boardgamegeek.com/boardgame/182028/thr...	182028	Through the Ages: A New Story of Civilization	2	4	240	180	240	2015	8.60673	8.30183	12352	https://cf.geekdo-images.com/original/img/1d2h...	14	Action Point Allowance System, Auction/Bidding...	15648	Card Game, Civilization, Economic
3	4	https://boardgamegeek.com/boardgame/167791/ter...	167791	Terraforming Mars	1	5	120	120	120	2016	8.38461	8.19914	26004	https://cf.geekdo-images.com/original/img/oIIz...	12	Card Drafting, Hand Management, Set Collection...	33340	Economic, Environmental, Industry / Manufactur...
4	5	https://boardgamegeek.com/boardgame/12333/twil...	12333	Twilight Struggle	2	2	180	120	180	2005	8.33954	8.19787	31501	https://cf.geekdo-images.com/original/img/ZPmn...	13	Area Control / Area Influence, Campaign / Batt...	42952	Modern Warfare, Political, Wargame