

NAME: Vishwajeet Dnyaneshwar Deshmukh

ROLL NO.: 2231030

Mini Project :- Develop a movie recommendation model using the scikit-learn library in python

```
In [2]: import pandas as pd
import numpy as np
from sklearn.feature_extraction.text import CountVectorizer
from sklearn.metrics.pairwise import cosine_similarity
df = pd.read_csv("movie_dataset.csv")
df
```

Out[2]:

	index	budget	genres	homepage	id	
0	0	237000000	Action Adventure Fantasy Science Fiction	http://www.avatarmovie.com/	19995	cu
1	1	300000000	Adventure Fantasy Action	http://disney.go.com/disneypictures/pirates/	285	O €
2	2	245000000	Action Adventure Crime	http://www.sonypictures.com/movies/spectre/	206647	sp sec
3	3	250000000	Action Crime Drama Thriller	http://www.thedarkknightises.com/	49026	
4	4	260000000	Action Adventure Science Fiction	http://movies.disney.com/john-carter	49529	
...
4798	4798	220000	Action Crime Thriller		NaN	9367 stat
4799	4799	9000	Comedy Romance		NaN	72766
4800	4800	0	Comedy Drama Romance TV Movie	http://www.hallmarkchannel.com/signedsealeddel...	231617	
4801	4801	0	NaN	http://shanghaicalling.com/	126186	
4802	4802	0	Documentary		NaN	25975