**Waleed Aamir**

**Documentation:**

1. First I decided to import all the necessary libraries.

2. I downloaded the dataset and imported it in my program.

3. I preprocessed the data.

4. To see how the dataset looked, I used head function.

5. I removed the gaps in the strings and converted them into lists.

6. I merged some overview, genres, keywords, cast and crew columns to create a tags column.

7. I vectorized the tags column and compared each movie with each other using the cosine similarity method.

8. I choose the top five close-distanced vectors.

9. I fetched the name of these five vectors using indexes.

10. I used the pickle library to dump this model and dataframe.

11. I used the streamlit library for my website.

**Problems I faced:**

I was experiencing some weird behavior by the model when I was calling the api.