

## **EXPERIMENT NO :- 01**

**Date of Performance:**

**Date of Submission:**

**Aim:** One case study on AI applications published in IEEE/ACM/Springer or any prominent journal.

**Theory:** MOVIE RECOMMENDATION SYSTEM WITH SENTIMENT ANALYSIS

**Publication Year:** 2024

**Abstract:**

Recommendation systems are becoming increasingly important in today's extremely busy world. People are always short on time with the myriad tasks they need to accomplish in the limited 24 hours. Therefore, the recommendation systems are important as they help them make the right choices, without having to expend their cognitive resources. Now days peoples watching movies to make their busy life calm , watching movie is not that easy as it takes a lot of time to select a movie due to large data set of movies exist in the world and it is very difficult and time consuming process to people to select a movie due to large data set but we can achieve this with the help of movie recommendation system using content based filtering ,where this recommendation system recommend a movie to the user based on the content he/she is watching. In this paper we are building a recommendation system using content-based filtering with Heroku deployment. After searching a lot on the internet and referring to a lot of research papers, we got to know that the recommendations made using Content-based Filtering are using a single text to vector conversion technique and a single technique to find the similarity between the vectors. In this research work, we have used multiple text to vector conversion techniques and manipulated the results of the multiple algorithms to get the final recommendation list.

**Conclusion:** Thus, we have Studied case study on AI applications published in IEEE/ACM/Springer or any prominent journal.

**Sign and Remark:**

<b>R1</b> <b>(2 Marks)</b>	<b>R2</b> <b>(4 Marks)</b>	<b>R3</b> <b>(4 Marks)</b>	<b>Total</b> <b>(10 Marks)</b>	<b>Signature</b>