thesocialcomment: Machine Learning Test.

Test Assigner: Mr. Nivesh Singh Chauhan.

Test Assignee: Internshala Aspirants.

Submission Instructions –

1. The tenure of the test is from 29-10-2020 to 31-10-2020. Submit your test on 31-10-2020by 9:00 PM.
2. For the task, send a python notebook link of any of the one Google Colab or Azure Notebook.

Task as follows:

You have to build a Recommendation System, System should be based on the categorical data like category, tags of posts, and liked and viewed posts category for the user
End result should be a system that.

1. Recommend posts for the given user.
2. Recommend similar posts for the given post.

example

1. if the user like technology and science category post then he should get recommended with the post containing technology and science category.
2. if the post is of sports cricket category then similar posts recommended should contain sports cricket category.

Dataset Details

There are 3 files.

users.csv	Users dataset containing user's details like name, id, gender etc.

posts.csv	*Post dataset containing posts details like title category etc.*
views.csv	*Views dataset contains the mapping which user views which post(s)*

Users

- _id: a unique alphanumeric id of the user (string)

- name: Name of user (string)

- gender: Gender of the user (male | female)

- academics: Education of the use (undergraduate | graduate)

Posts

- _id: a unique alphanumeric id of the post (string)

- title: Title of the post (string)

- category: Category of the post (string)

- post_type: Type of the post (blog | artwork | skill | project)

Views

- user_id : a unique alphanumeric id of the user (string)

- post_id : a unique alphanumeric id of the post (string)

- time stamp: timestamp of when user viewed the post (ISO time format)

We are excited to see your performance.
Do you test properly and if you need any clarification you can Whatsapp us at:
Akshay Mishra – 9898820379.

This Document is Strictly Confidential only to be used for testing the skills and should not be disclosed to any third party or used for any other purposes.

Visit us at: www.thesocialcomment.com

thesocialcomment.com

India's First Student Network.