Greetings From Globussoft

- Given below two task and both are compulsory.

- These tasks can only be attempt in python language.

- For Task 2 you have to create two files one for training (only finalmodel training code) and one for testing (which only has a function to load model and predict by user input).

- While solving these questions you are free to use any **Search Engine** like Google, Yahoo, Bing …

All the best for your test
Globussoft

Task - 1

To write a script to scrape the data from amazon.in along with suitable information of products and store in a csv file.

Script should get all the details for the laptop i.e.

- Image

- Title

- Rating

- Price

- Ad / Organic Result

Submission:
- Have to save a file either in .py or .ipynb form.
- Output file should be saved with timestamp.

Task – 2

To create a model which able to predict category of a sentence. There will be ten different categories (Education, Ecommerce, Technology, Healthcare, Entertainment, Finance, News, Travel, Sports, Other). The data is unlabeled having noise and different types of sentences are present having links, emoji's and other description.

Dataset : https://drive.google.com/file/d/11dJoMzkR1F0f8uJEYGhjtUHXNpT3eTML/view?usp=drive_link

Following points are need to be kept in mind.

- The data annotation part you have to do and can try N number of approaches but only have to share final model which has a good accuracy among the others.
- Few examples are given for different categories:
  - o Winter 2023 sunglasses for men and women – Ecommerce
  - o India's Premium English Learning Destination – Education
  - o Gaming Power with Lenovo – Technology
  - o Book unforgettable experience – Travel
  - o Ultimate robot shooter – Other
- Only one saved model file can be shared
- Separate file will be there for model prediction.
- In training file at least 10 predictions should be there from test set at last.
- Script for saving model need to be in training file at last.
- You don't need to train you model in whole data you can take a fraction part of it if you want so.

Submission:

- Training and prediction file should be in .ipynb form only.
- Model can be save in any suitable form (.pkl or any other).