MACHINE LEARNING – ECOMM

TOPIC - eCommerce Recommendation System using Machine Learning
PROJECT - Personalised Fashion Recommendations based in previous purchases.

DATA SET : https://www.kaggle.com/competitions/h-and-m-personalized-fashion-recommendations

REQUIREMENTS -

1. Collect data and conduct data analysis. Visual reports.

2. Evaluate Classification Models (Decision Trees, Random Forests, Linear Regression) with Deep Learning Models (CNN, RNN etc) and based on the outcome Design and implement one or more deep learning systems, experiment with various algorithms to maximise the learning capability. Evaluate the performance and document findings.

3. Cost functions should be carefully thought through and justified.

4. Final Model – Able to predict accurately the products that the customer is going to purchase based on previous purchases.

5. Deliverables -
   - All the items must be covered in Separate or Single Notebook Programs.
   - A report that documents the above findings.
   - The programs must run in Google Collab or Juptyr Notebooks.