DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

IBM – LITERATURE SURVEY

PROJECT TITLE

SMART FASHION RECOMMENDER APPLICATION

(2022-2023)

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Literature survey:

S.No	Title of the project	Advantages	Disadvantages	Technology used
1	A Systematic Study on the Recommender Systems in the E-Commerce	• Solving new user problem • High accuracy	• Low efficiency • Low scalability • Without considering security issues.	Cloud technology
2	Implementation of e-commercebased on cloud computing using asp.net technology	ASP.NET is that it is object-oriented and has many programming tools that allow quicker improvement	It can experience technical problems suchas reboots, network outages and downtime	• Cloud technology • Asp.net

3	Predicting Customer Lifetime Value with AI Platform on cloud based e-commerce website or web application	• Available 24x7 • Helping in Repetitive Jobs • Digital Assistance	It can perform only those tasks which they are designed or programmed to do, anythingout of that they tend to crash or give irrelevant outputs which could be a major backdrop	• Google cloud technology • Artificial Intelligence
4	A Case Study on Recommendation Systems Based on BigData	The advantage of MapReduce that it complete task at the same time withlinear speed up	As the numberof users grow,the algorithms suffer scalability issues	• Big Data • Google Technology provides name called MapReduce
5	Recommendation Systems forIoT Enabled m-Health Applications	IoT systems provide essential benefits for human health condition monitoring	Security and privacy. Keeping the data gathered and transmitted by IoT devices safe is challenging, as they evolve and expand in use.	• IOT (Internet Of Things) • cloud based technology

6	Building an e-commerce recommendation system by using Big QueryMachine Learning	Big Query Machine Learning increases development speed by eliminating the need to move data	Though Big Query Machine Learning offers fast iteration capability and can't get a very high-quality model.	• SQL(Structured Query Language) • Big Query • ML(Machine Learning) • Googlecloud
7	A Smart Healthcare Recommendation System for Multidisciplinary Diabetes Patients with Data Fusion Based on Deep Ensemble Learning	1.Electronic health record 2.Data fusion 3.Feature selection	1.Single dataset 2.No data fusion 3.Only structured data	• Artificial Intelligence • Machine Learning • Cloud technology

8	Intelligent decision- making support systemfor manufacturing solution recommendation in a cloud framework	It Helps decision makers to compile useful information from raw data, documents, personal knowledge, and/or business models to identify and solve problems to make decisions.	Information Overload: A computerized decision- making system may sometimes result in information overload.	• Structured Query Language • Artificial Intelligence • Cloud technology
9	Movie Recommendation on System Using MachineLearning	It provides a level of comfort and personalization that helps the user interact betterwith the system and watch movies that cater to his needs	The cold-start problem	• Machine learning algorithms • Cloud technology

10	A Web-Based Prototype Course Recommender System using Apache Mahout	In collaborative systems, Due to their approach of solely considering similarity with other users' choices, the recommender system does not require a baseline understandingof the actual content of what is being recommended.	A significant constraint withone filtering type, such as restriction to text-based information in content-based filtering, may be entirely negated by theother type of system, as in collaborative systems beingable to process more diverse types of data.	• Cloud based technology • Apache mahout • Java