**DEPARTMENT OF ELECTRONICS AND COMMUNICATION**

**ENGINEERING**

**IBM – LITERATURE SURVEY**

**PROJECT TITLE**

**SMART FASHION RECOMMENDER APPLICATION**

**(2022-2023)**



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# Literature survey:

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| **S.N o** | | **Title of the project** | | **Advantages** | | **Disadvantage s** | | **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-commerce based 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 such as 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, anything out 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 Big Data | | The advantage of MapReduce that it complete task at the same time with linear speed up | | As the number of users grow, the algorithms suffer scalability issues | | * Big Data * Google Technology provides name called MapReduce | |
| **5** | | Recommendation Systems for IoT 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 BigQuery Machine Learning | | BigQuery Machine Learning increases development speed by eliminating the need to move data | | Though BigQuery Machine Learning offers fast iteration capability and can't get a very high-quality model. | | * SQL(Structured Query Language) * BigQuery * ML(Machine Learning) * Google cloud | |
| **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 dataset2.No data fusion3.Only structured data | | * Artificial Intelligence * Machine Learning * Cloud technology | |
| **8** | | Intelligent decision- making support system for 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 Machine Learning | | It provides a level of comfort and personalization that helps the user interact better with the system and watch movies that cater to his needs | | The cold-start problem | | * Machine learning algorithm s * 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 understanding of the actual content of what is being recommended. | | A significant constraint with one filtering type, such as restriction to text-based information in content-based filtering, may be entirely negated by the other type of system, as in collaborative systems being able to process more diverse types of data. | | * Cloud based   technology   * Apache mahout * Java | |