LITERATURE SURVEY

Project Title: Smart Fashion Recommender Application

Team ID : PNT2022TMID27550

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1]

TITLE: A Case Study on Recommendation Systems Based on Big Data

AUTHOR: M. Sandeep Kumar and J. Prabhu

PUBLISHED ON: 2019

DESCRIPTION:

- Smart Fashion Recommender systems is mainly for finding and recover contents from huge datasets.
- It has been analysis based on the scenario.
- In this paper, we describe the process of recommendation system using big data with a clear explanation in representing the operation of mapreduce.
- It consists of three components namely
    1. Drug storage
    2. cloud server
    3. Recommender server
- We describe the challenge of recommendation systems like data sparsity, cold start, sentimental analysis.

2]

TITLE: Chatbot for E-Commerce Assistance: based on RASA

AUTHOR NAME: M.Mamatha, C.Sudha

PUBLISHED ON: 2021

DESCRIPTION:

- Whenever a customer using an Ecommerce sites like Amazon, Flipkart etc. he may face issues which maytrouble him.
- It takes time for the customer support to resolve the customer issues since billions of people are using those platforms and reporting issues regularly.
- This bot will be useful for filtering the products from whatever the ecommerce sites it has been incorporated it with here the own site developed, which runs in local server as other ecommerce is taking much time than expected

3]

TITLE: Building an Expert Recommender Chatbot

AUTHOR NAME: Jhonny Cerezo, Juraj Kubelka, Romain Robbe's

PUBLISHED ON:2019

DESCRIPTION:

- Software bots. Leboeuf developed a taxonomy of software bots Følstad and Brandtzæg argue that HCImay transition from graphical to conversational interfaces via chatbots
- They also conducted a survey of chatbot users, finding that the most common reason, by far, wasproductivity (68%) pharo.
- Pharo is an open-source programming language, with a strong community concentrated inDiscord (a chat platform service) and a mailing list.
- The chatbot identifies source code artifact names (key-concepts) in user messages, e.g., in “Who isGLMAction class expert?”, the key-concept is “GLMAction”.

4]

TITLE: An Ecommerce Website Chatbot

AUTHOR NAME: Siddharth Gupta,Deep Borkar

PUBLISHED ON: 2015

DESCRIPTION:

- A user visiting an E-commerce may look for a specific product, or generally browse the website. Thesearch tools use keyword matching to display multiple results to the user's query
- The search tools fail to deliver relevant results when ambiguous and imprecise words is used to describea product.
- The chatbot attempts to address the above-mentioned issues by presenting a more intuitive way ofinteracting with the website. It interacts with you and also suggests products suitable for you.
- This project takes the FAQ chat approach, where instead of using a complex Natural Language Processing System and logical inference, a simple but large set of patterns matching templates willsuffice

5]

TITLE: Implementation of Chatbot in Online Commerce, and Open Innovation

AUTHOR NAME: Maria D. Illescas-Manzano , Noe Vicente Lopez

PUBLISHED ON: 2021

DESCRIPTION:

- Chatbots are conversation engines that interact in real time with customers, machine operators, maintenance workers, etc. In addition, they can offer advanced dialogue and technology conversations using machine learning (ML) and artificial intelligence (AI) enhancements

Different types of chatbot:

1. Based on rules.
2. Smart One . This chatbot is based on artificial intelligence, by which it collects information through conversations with customers.
3. Hybrid. This is a mixture of the two previous types, combining rules and artificial intelligence.

- Analyze the usability of the platform to generate leads (implementation, use, data processing, and effectiveness in established conversations).
- Design and implement a chatbot for the e-commerce of a company. Evaluate the results of implementation.