LITERATURE SURVEY

Date	19 September 2022
Team ID	PNT2022TMID27497
Project Name	Skill and Job Recommender
Maximum Marks	4 Marks

1. Job Recommendation based on Job Seeker Skills: An Empirical Study

INFERENCE:

- By the study of the liberal arts, job seekers themselves are looking for their calling which fits best their personal values, attitudes, skills, and capabilities.
- Job seekers screen plenty of job opportunities and select their perceived most appropriate ones to apply for the job.
- The designated amount of job opportunities published by organizations, job seekers need to put a lot of effort in identifying the most appropriate ones.
- Recommender systems have been used successfully in e-commerce to support users to find different types of products that fit with their preferences.
- Therefore, supporting job seekers has been the focus of several online recruiting services and explain the intention to use job recommender systems.

2. Job Recommendation Based On Job Profile Clustering And Job Seeking Behaviour

INFERENCE:

- By the phase of this article, it has the aim to help job seekers to find suitable jobs.
- It usually consist of exploiting relations among understood features and content that describes services and products or the overlap of comparable users who get interacted with it.
- Suggesting a suitable jobs by an accomplished solution in terms of machine learning.
- They offers the capabilities of processing and analyzing a bounteous amount of unstructured job postings.
- They have presented the related works concerning automated recommendation and some text clustering methods.
- Hybrid Methods: Switching, Mixing, Weighting, or a cascade approach.
- Therefore, applicants could receive personalized online jobs recruiters are supposed to find the pertinent candidates with skills and qualifications.

3. An Intelligent Knowledge-Based Chat bot for Customer Service

INFERENCE:

- To write-up in the publication in terms, as an intelligent knowledge based on conversational agent system architecture for customer services.
- A prototype system is built in a real world setting.
- Case analysis in a leading women's intimate apparel manufacturing firm.
- System prototype are satisfactory and support the contention, that the system is effective.
- To improve the performance of the chatbot, they were integrated with a knowledge base (KB) for more dynamic conversation.
- Chatbot were frequently used to facilitate customer service experience, but it is not limited to selling, promotions and customers engagement.
- So, these contribution can be used to herald an era of a wider range of intelligent knowledge-based conversational agents to support the e-commerce customer and marketing sales.

4. Personalized Job Recommendation System at LinkedIn: Practical Challenges And Lessons Learned

INFERENCES:

- The sum up of this specific article, is to help the job seekers to find right career opportunities and recruiters will be hire in terms of the candidate's potential.
- Receives sufficient number of applications from qualified candidates to guarantee a hire, but not overwhelm the job posters with too many applications.
- More importantly, modelling this requires careful understanding on potential bias and unfairness of a model due to societal bias in the data.
- Reformulate the problems to model optimizing for a health market place directly, understand and quantify the bias in those potential models.
- The final outcome of data flow : Information System, Information Retrieval, Retrieval Tasks and Goals, Recommender systems.