

LITERATURE SURVEY

| S.NO | TITLE | AUTHORS AND YEARS | TECHNIQUES | PROBLEM DESCRIPTIO |
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| 1 | Deep convolutional features for image retrieval | Gkelios, S., Sophokleous, A., Plakias, S., Boutalis, Y., & Chatzichristofis, S. (2021) | machine learning, social network mining and recommendation systems addressing open problems in fashion domain | This study describes a method for shaping image retrieval features using the most recentpre-trained CNN architectures, which were initially suggested for image classification. |
| 2 | Personalized fashion recommender system with image based neural networks | Sridevi, M., ManikyaArun, N., Sheshikala, M., & Sudarshan, E (2020) | It processes the DeepFashion dataset's photos using neural networks, and then creates final suggestions using a closest neighbor-backed recommender. | It processes the DeepFashion dataset's photos using neural networks, and then creates final suggestions using a closest neighbor-backed recommender. |
| 3 | Modeling Instant User Intent and Content-Level Transition for Sequential Fashion Recommendation | Yujuan Ding, Yunshan Ma, Wai Keung Wong, Tat-Seng Chua (2021) | Attentional Content-level Translation-based Recommender (ACTR) framework | It aims to capture additional short-term fashion interest of users by modeling the item-to-item transitions. |
| 4 | A Literature Survey of Recent Advances in Chatbots | Guendalina Caldarini, Sardar Jaf, Kenneth McGarry (2022) | Natural Language Processing and Machine Learning. | Intelligent conversational computer programmes known as chatbots are created to mimic human speech in order to provide automated online assistance and support. |
| 5 | Fashion Recommender Systems | Nima Dokoohaki (2020) | machine learning, social network mining and recommendation systems addressing open problems in fashion domain | In this context, recommender systems, such as social fashion based recommendations (outfits influenced by influencers), product recommendations, or size and fit suggestions, are frequently utilised to handle a variety of complicated challenges. |

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| 6 | A Survey on Accuracy-oriented Neural Recommendation: From Collaborative Filtering to Information-rich Recommendation | Le Wu, Xiangnan He, Xiang Wang, Kun Zhang, Meng Wang (2021) | They propose a novel deep neural network, called Detect, Pick, and Retrieval Network (DPRNet) | To improve the effectiveness of the video-to-shop work, they updated the conventional object detector, which automatically selects the best object offers for each commodity in films without duplication. |
| 7 | Deep convolutional features for image retrieval | Gkelios, S., Sophokleous, A., Plakias, S., Boutalis, Y., & Chatzichristofis, S. (2021) | Collaborative filtering and information-rich recommendation | We undertake a thorough analysis of neural recommender models from the viewpoint of recommendation modelling with the accuracy objective, hoping to provide researchers and professionals working on recommender systems with a summary of this area. |
| 8 | Learning fashion compatibility across categories with deep multimodal neural networks | Guang-Lu Sun, Jun-Yan He, Xiao Wu, Bo Zhao, Qiang Peng (2021) | multilayered Long Short-Term Memory (LSTM) is employed for discriminative semantic representation learning, while a deep Convolutional Neural Network (CNN) is used for visual embeddings. | Here, we offer a unique multimodal framework for fashion compatibility learning that concurrently incorporates semantic and visual embeddings into a single deep learning model. |
| 9 | Understanding User Satisfaction with Task-oriented Dialogue Systems | Clemencia Siro, Mohammad Aliannejadi, Maarten de Rijke (2022) | conversational recommendation System | They gather information by adding an extra annotation layer to conversations taken from the ReDial dataset, a popular conversational recommendation dataset. along with annotations at the turn and dialogue levels for the sampled dialogues. We can investigate how various conversation elements affect user satisfaction thanks to the annotations. |

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| 10 | UNITER: UNiversal Image- Text Representation Learning | Yen-Chun Chen, Linjie Li, Licheng Yu, Ahmed El Kholy, Faisal Ahmed, Zhe Gan, Yu Cheng, Jingjing Liu (2020) | Masked Language Modeling (MLM), Masked Region Modeling (MRM, with three versions), Image- Text Matching (ITM), and Word-Region Alignment are the four pre-training tasks that we develop (WRA). Unlike earlier research that uses simultaneous random masking for both modalities | They introduce UNITER, a UNiversal Image-Text Representation, which can power diverse downstream V+L tasks with joint multimodal embeddings. UNITER was learned by large- scale pre-training using four image-text datasets (COCO, Visual Genome, Conceptual Captions, and SBU Captions). |
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