Information retrieval is very important area in any of the IT applications. Systematic data storage is essential in information retrieval. In conventional method, data is stored in a structured format and retrieved using SQL queries which requires technical knowledge. Most common data storing and retrieving mechanism in IT is the Relational Database Management Systems. Now there is a necessity to retrieve data from a very large database using natural language from any social media. A brief survey of various methods used to store and retrieve data using Natural Language Processing (NLP) is carried out in this paper.

References


25. Li Xin, Xie Qianqian1, Huang Lucheng, Yuan Zhou, “Twitter Data Mining for the Social Awareness of Emerging Technologies”, Proceedings of PICMET ’17, IEEE, 2017


27. Ranjeeet Devarakonda (Senior Member, IEEE), Michael Giansiracusa, Jitendra Kumar, and Harold, “Social Media Based NPL System to Find and Retrieve ARM Data: Concept Paper”, IEEE International Conference on Big Data, pp 4736-4737, 2017


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