

## **Data mining**

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### **Data Mining**

Data mining is about finding patterns in the data [1]. In this paper, I put forward an important insight about similarity in branches of computer science and data mining. All branches of computer science could be termed as a procedure to carry out data mining. In this paper, I detail that. The computer works by finding patterns in the input and output [2]. Artificial Intelligence works by finding the patterns of functions of the related variables [3]. Machine learning works by mathematical justification of machine learning methods and results [4]. That is the pattern followed in machine learning. Social networking is about finding patterns in user behaviour and user engagement [5][6].

### **Conclusion**

In this paper, I showed the similarity in the way of carrying out data mining and other branches of computer science. This insight could be used to design machines that would work by data mining.

### **References**

1. Trivedi, N. Mining of Data. (Source – ResearchGate)
2. Trivedi, N. (2023). Working Model of a computer. *International Journal of Scientific Research and Management (IJSRM)*, 11(12), 998-998. (Source – ResearchGate)
3. Trivedi, N. (2024). Implementing Artificial Intelligence. *International Journal of Scientific Research and Management (IJSRM)*, 12(02), 1075-1075. (Source – ResearchGate)
4. Trivedi, N. Method of performing machine learning. (Source – ResearchGate)
5. Trivedi, N., Asamoah, D. A., & Doran, D. (2018). Keep the conversations going: engagement-based customer segmentation on online social service platforms. *Information Systems Frontiers*, 20, 239-257. (Source – ResearchGate)
6. Trivedi, N. (2017). Topic-Based Engagement Analysis: A Case Study. (Source – ResearchGate)