DEFINDER: MACHINE LEARNING APPROACHES TOWARDS EMPLOYEE RECOGNITION SYSTEM

Artheesan Suthesvaran

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Department of Computing and Engineering

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Abstract

Machine learning gives machines capacity to learn about data and perform assignments without unequivocally programming. It is perhaps the main segment in man-made consciousness and serves to successfully tackle numerous unpredictable true issues. Because of the high-level hypotheses and earlier information needed to try and start machine learning, just experienced software engineers can create machine learning frameworks. On the off chance that area specialists who are curious about writing computer programs are offered freedoms to build up these frameworks, it would clear path for mechanical transformations in their areas.

dEfinder is a platform which performs predictions in order to uplift the standard of the employees as well as the association. dEfinder helps the people who are looking for the right person to do a particular task. With the study and the implementations of the methods which is going to output the right person for the task. The system has been trained in order to get the requirements from the end user and display the most suitable person/ people from the list. For the first phase of this implementation, a genuine from a non-disclosable association and the data has been trained. The implementation has been analysed with three different algorithms and the system will chose the right algorithm out of it for each process. Once the suitable algorithm is chosen by the system, the right person from the list will be chosen as per the requirements.

dEfinder has been explained more with the visual diagrams and tabular explanations of the implementations, dataset, design, architecture and the user interface in terms of the first implementation. Compared to the existing products in the same domain, the uniqueness of this project is all about predicting the particular person for the task. Even though there a good number of research and products are out there in the market, the uniqueness of this research and implementation makes the overall product coming up in the market.

Key words: Machine Learning, algorithm, architecture