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ABSTRACT

All applications in current trends need to use Machine Learning and Big Data in this huge data world. Machine learning is a type of artificial intelligence that allows software applications to become more accurate at predicting outcomes without being explicitly programmed to do so. Machine learning use historical data as input to predict new output values. Small Scale and even large developers cannot maintain Machine Learning Algorithms and other big data processing techniques all by themselves. This project is to provide them with a machine learning engine which runs on a specified port on their servers which collects the data sets in real time. This can be queried using a simple Query Language and analyze the database on the query. The purpose of this project is to create a Data Processing Engine for Big Data Analytics. This project is to maintain a dedicated machine learning and data processing engine, so that even small developers without the knowledge of machine learning and big data analysis can produce expected results based on Machine Learning to make their application smooth. All applications in current trends need to use Machine Learning and Big Data in this huge data world. Machine learning is a subset of artificial intelligence that allows software applications to become more accurate at predicting outcomes without being explicitly programmed to do so. Machine learning uses historical data as input to predict new output values. To harvest, process and analyze the data that is needed. This project is to provide them a data processing engine which runs on a specified port on their servers which collects the data sets in real time. his can be queried using a simple Query Language and analyze the data and produce respected results using ML based on the query.