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Web based predictive defuzzifier

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Defuzzification is a method of converting membership functions generated from linguistic variables into usable numerical values. Defuzzification is an important process in the fuzzy inference engine but in its present state, there are more than 50 (fifty) defuzzification methods however, there are no methods to help known method for linking a defuzzification method with a particular type of data. Our system will allow users to upload their data in .xls and .csv and get it processed by the defuzzifier, who would have predicted the best defuzzification method for the class of data received. The system builds knowledge from the submitted data by learning and using it for training in order to perform better while processing similar data. The work will leverage on the open science using FG, Kepler, OLAP cube to build the defuzzifier and use PHP for the front end to enable users upload data for processing.

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Session Classification: Presentation of use cases and their implementation strategies continued