DBLP REPORT

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Approach for Entity Resolution:-

-> Reached the www tags in the xml file.

-> Took the first author element's value as representative element, and added all authors of the www tag to it's alias list.

-> Checked if any of the aliases contain the search String. If yes, then added the author to the desired authors to be searched for.

-> Parsed the file for any of the authors in the desired authors list and added the corresponding publications to the result list.

-> Displayed required results.

Approach for prediction:-

->Collected year-wise data of the given author from the result obtained from the entity resolved list for given author.

->Used Linear Regression (Converted Mathematical Formula to code) to predict the number of publications.