Interdisciplinary Learning
Evaluation Software with Topic Classification Techniques

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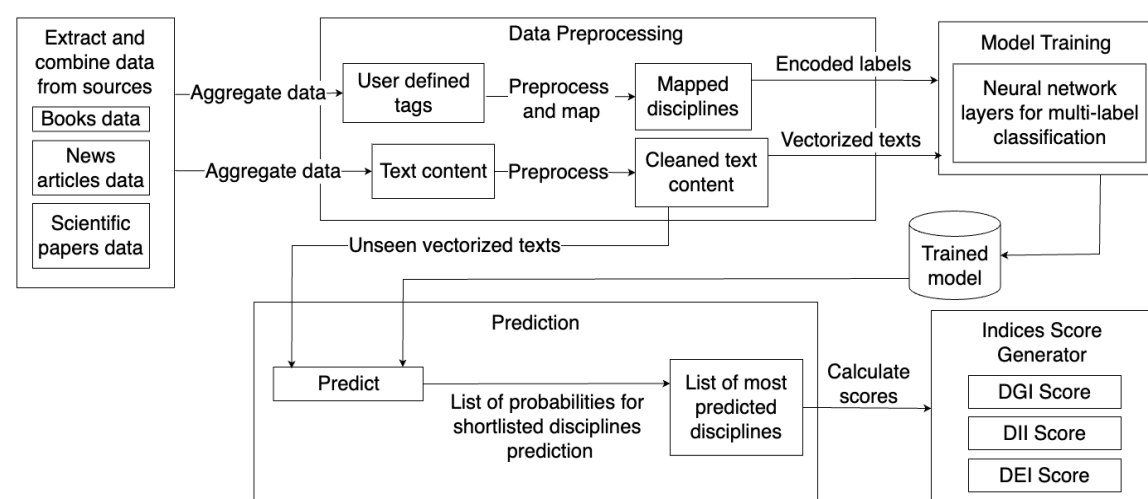

Project Objectives:

The objective of this project is to implement a tool for the interdisciplinary evaluation of student assignments. The software tool was built using recent technologies such as Python Flask and Node React.js. To automate the process of evaluating interdisciplinary work, I have built and trained a multi-label classification model to classify essay paragraphs into discipline classes. The machine learning model is integrated with the software to enable teachers to emphasize the most interesting subjects and build meaningful interdisciplinary conversations.

Machine Learning Pipeline

Platform Architecture