SUBJECT GENIE

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One of the most important decisions a student has to make is the choice of elective courses, since this not only affects the student's academic progress, but could also determine his career prospect. The Subject Genie is a web application that employs AI technology as a means to the students' selection of their electives which are based on their interests, previous academic records, and chosen careers. The present paper gives a detailed account of the project's background, the technologies used, and the potential impact of the project on students and schools. The work also discusses the changes brought about in the students' decision-making process by the applications of AI and the suggestion of data-empowered decision making mechanisms. The process of students choosing the right field of study is truly important for them as they are the ones to facilitate their learning processes and thus become their career influencers. The Subject Genie is a brand new AI-centered web program that has been specifically designed to provide help to students in deciding on the elective courses that are most suitable for them. The application cuts down the time-consuming elective course selection process by taking into account one's personal interests, past performance, and future career plans.This paper seeks to introduce the readers to the stimulus behind the birth of the Subject Genie, to impart to you the technical infrastructure, and also to explain to you the reasons why it is very much needed in the society. In addition, it adds the impact that AI and data-driven suggestions have had on the enlightenment of the decision- making process for students. The Subject Genie not only becomes the way for students to choose those additional classes that would provide them with more enjoyment in their learning process, but also becomes the path to their successful careers. Apart from changing the course selection process, this application carries the potential of making a very significant impact on the educational world as students are on the right track to their future professional goals via their academic pursuits

 ISBN: - 978-81-983498-7-3