Influence of AI TOOLS on Student's Learning Process

Team: -13

**Survey Metadata Summary: -**

This survey consists of 158 records. It comprises five main sections: Demographic Information, AI Tool Usage, Impact on Learning, Student Satisfaction, and AI Tool Impact on Assessment, followed by feedback or review on the AI usage.

1. **Demographic Information:**

The demographic section collects information on participants' age range, gender, and education level to characterize the diverse profile of respondents in the survey.

* Age: Respondents can select their age range from options under 18, 18 to 24, or above 24.
* Gender: Respondents can choose from options: male, female, prefer not to say, other.
* Academic Major: Respondents can specify their academic major or field of study from options: High-School, Pre-University, Undergraduate, Postgraduate, Ph.D.

1. **AI Tools Usage:**

The "AI Tools Usage" section gauges participants' frequency, accessibility, and satisfaction with AI tools, shedding light on their preferences and experiences in integrating artificial intelligence into their learning activities.

* Frequent AI Tool Use: Participant's frequency of AI tool usage for learning activities, rated on a scale of 1 (Strongly Disagree) to 5 (Strongly Agree).
* Accessibility and user-friendly: Perception of the accessibility and user-friendliness of AI tools, rated on a scale of 1 (Strongly Disagree) to 5 (Strongly Agree).
* Content satisfaction: Participants' satisfaction with the level of personalized content delivered by AI tools, assessed on a scale of 1 (Strongly Disagree) to 5 (Strongly Agree).

1. **Impact on Learning:**

The "Impact on Learning" section evaluates participants' perceptions of how AI tools influence their engagement, motivation, and retention of information, providing insights into the educational effectiveness of these technologies.

* Impact on Learning: Impact of AI tools on their engagement in the learning process, measured on a scale of 1 (Strongly Disagree) to 5 (Strongly Agree).
* Recalling info: Participants' assessment of the impact of AI tools on their ability to retain and recall information, rated on a scale of 1 (Strongly Disagree) to 5 (Strongly Agree).
* Motivation: Self-reported motivation to learn when utilizing AI tools, evaluated on a scale of 1 (Strongly Disagree) to 5 (Strongly Agree).

1. **Student Satisfaction:**

The "Student Satisfaction" section measures participants' contentment with various aspects of AI tools, including real-time feedback, privacy concerns, and their contribution to reducing learning anxiety, revealing sentiments towards the overall use of AI tools in education.

* Satisfaction of info received: Effectiveness of real-time feedback on their performance from AI tools, measured on a scale of 1 (Strongly Disagree) to 5 (Strongly Agree).
* Overall satisfaction: Level of satisfaction with the overall use of AI tools in their education, rated on a scale of 1 (Strongly Disagree) to 5 (Strongly Agree).
* Effect on anxiety: Impact of AI tools on reducing their learning anxiety, assessed on a scale of 1 (Strongly Disagree) to 5 (Strongly Agree).
* Privacy concerns: Assessment of privacy concerns related to using AI tools in education, measured on a scale of 1 (Strongly Disagree) to 5 (Strongly Agree).
* Finding Strengths: Comprehensiveness and clarity of AI tools in assessing their strengths and weaknesses in coursework, rated on a scale of 1 (Strongly Disagree) to 5 (Strongly Agree).
* Attitude Towards Learning: Positive impact of AI tools on their overall attitude towards learning, measured on a scale of 1 (Strongly Disagree) to 5 (Strongly Agree).
* Flexibility of AI: The extent to which AI tools enhance their collaboration with teachers, rated on a scale of 1 (Strongly Disagree) to 5 (Strongly Agree).
* Strong Concept Understanding: Significant enhancement of their depth and breadth of knowledge in their field of study through the use of AI tools, rated on a scale of 1 (Strongly Disagree) to 5 (Strongly Agree).
* Individual Feedback: Effectiveness of AI tools in providing individualized feedback and assessment, rated on a scale of 1 (Strongly Disagree) to 5 (Strongly Agree).

1. **AI Tool Impact on Assessment:**

The "AI Tool Impact on Assessment" section gauges participants' satisfaction with how AI tools meet assessment objectives, offer alternative demonstration methods, and identify areas for additional support.

* Meets Objectives: AI tools meet the objectives for completing assessments, rated on a scale of 1 (Strongly Disagree) to 5 (Strongly Agree).
* Provide Alternatives: Availability of multiple alternatives provided by AI tools for demonstrating their understanding of the material, assessed on a scale of 1 (Strongly Disagree) to 5 (Strongly Agree).
* Identify Weakness: Effectiveness of AI tools in identifying areas where they need additional support or resources, rated on a scale of 1 (Strongly Disagree) to 5 (Strongly Agree).
* Overall Satisfaction: Integration of AI tools into their overall learning experience, rated on a scale of 1 (Strongly Disagree) to 5 (Strongly Agree).

This survey investigates participants' perceptions of the impact of AI tools on various aspects of their education, ranging from learning engagement and satisfaction to the integration of these tools into their overall learning experience, providing insights into the evolving dynamics of technology in education.