

Survey: The Impact of AI on Education and Preparedness for the AI-Driven Market

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Introduction

This survey is conducted as part of an academic research project aimed at understanding student perspectives on the integration of Artificial Intelligence (AI) education and its relevance to the AI-driven job market. The survey targets students from Fontys University and TU Eindhoven.

Purpose

Our research seeks to explore whether students feel that their education is adequately preparing them for the challenges and opportunities presented by a market increasingly influenced by AI technologies.

Survey Questions and Answer Options:

To thoroughly investigate this topic, a set of survey questions will be designed to capture a wide range of perspectives. Each question will offer multiple-choice answers to simplify the data analysis process.

What is your field of study?

Fontys:

- ☐ Software Engineering
- ☐ Technology
- ☐ Business/Management
- ☐ Humanities/Social Sciences
- ☐ Other (Please specify)

TUe:

- ☐ Research

How would you rate your understanding of artificial intelligence (AI) and its applications?

- ☐ Very knowledgeable
- ☐ Somewhat knowledgeable
- ☐ Neutral
- ☐ Somewhat lacking
- ☐ Very lacking

Does your course curriculum include enough content on AI and its applications?

- ☐ Strongly agree
- ☐ Agree
- ☐ Neutral
- ☐ Disagree
- ☐ Strongly disagree

Has your education included practical projects or courses focused on AI?

- ☐ Yes, many
- ☐ A few
- ☐ None

How relevant do you think AI is to your future career?

- ☐ Extremely relevant
- ☐ Somewhat relevant
- ☐ Not sure
- ☐ Somewhat irrelevant
- ☐ Not relevant at all

Do you feel prepared to work in an AI-driven market based on your current education?

- ☐ Fully prepared
- ☐ Somewhat prepared
- ☐ Neutral
- ☐ Somewhat unprepared
- ☐ Not prepared at all

In your opinion, what areas of AI should education focus more on? (Select all that apply)

- ☐ Machine Learning
- ☐ Natural Language Processing
- ☐ Robotics
- ☐ Ethics of AI
- ☐ AI in business management
- ☐ All of that
- ☐ None

What do you see as the main barriers to integrating more AI-related content into your education?

- Lack of qualified instructors
- Insufficient resources or materials
- Curriculum is too full already
- Lack of interest among students
- Other (Please specify)

Data Collection:

- The survey will be disseminated via online and in person to ensure a wide reach.
- Effort will be made to target a diverse group of students across different faculties and years of study to gather varied perspectives.

Note:

This survey aims to collect at least 30 responses from each university to ensure a robust dataset for analysis. The questions are designed to be straightforward to encourage maximum participation and honest responses.