

Attitudes of students of the faculty of arts, departments of library and information, and media at Alexandria University toward the use of artificial intelligence applications: chat GPT as a model

Research – English
Summary

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Abstract

Artificial intelligence (AI) has profoundly influenced various sciences, with Chat GPT emerging as a key tool for researchers, programmers, and students. This study explores the attitudes of students from the Departments of Library and Information Science and Media at Alexandria University's Faculty of Arts toward using Chat GPT for academic assignments. It aims to assess the extent of their reliance on the tool, their proficiency in using it to produce accurate and reliable results, and their ability to critically evaluate the outputs generated.

Using a descriptive-analytical methodology, the study surveyed a random sample of students during the 2023-2024 academic year, collecting 206 responses (40 of which were excluded for incompleteness). The findings aim to raise awareness of Chat GPT's capabilities, guide university instructors in promoting its effective use, and enhance the integration of AI tools in education for improved academic outcomes.

Keywords

Artificial Intelligence, Chat GPT, Higher Education, Usability

Introduction:

Artificial intelligence (AI) has made its mark on all sciences in the current era. Over the past two years, several AI applications have emerged and developed at an astonishing pace, among which Chat GPT stands out as a significant tool used by researchers, programmers, and others for studies and research.

Study Phenomenon:

The researcher observed an increasing interest among students during lectures in using Chat GPT as an AI tool for their academic assignments. A preliminary survey confirmed this observation, prompting a need to study their attitudes toward this use and assess their awareness of the tool's disadvantages to guide appropriate utilization.

Objectives of the Study:

- The study aims to achieve the following:
- Identify the extent to which students in the Departments of Library and Information, and Media at Alexandria University rely on Chat GPT for academic assignments.
- Evaluate the students' competence in using the tool to obtain accurate, reliable research results in their specific fields and in the language they research.
- Assess the students' ability to evaluate the results provided by Chat GPT.
- Provide recommendations to guide students in the proper use of Chat GPT, harnessing its advantages and avoiding its drawbacks.

Significance of the Study:

The importance of this study is derived from:

- Raising awareness about Chat GPT's potential and benefits for students and researchers.
- Guiding university professors in directing their students to use Chat GPT effectively, ensuring quality research with reliable sources.
- Educating students on how to evaluate search results from Chat GPT and steps for achieving satisfactory outcomes compared to other research methods.

Research Questions:

To achieve the objectives of this study, the following questions will be addressed:

- What is the awareness level among the study sample regarding Chat GPT's potential and benefits?
- Do students follow the correct search method to obtain the best results using this tool?
- What are the criteria for evaluating search results from Chat GPT?
- How effective are the results obtained by students when using Chat GPT for research?
- How can students be guided to use Chat GPT effectively, capitalizing on its benefits and avoiding its limitations?

Methodology:

The study employs a descriptive field approach.

Research Tools:

The study relies on:

- A preliminary survey to gauge students' awareness and use of Chat GPT for academic assignments.
- A structured questionnaire directed at the study sample.
- Controlled interviews with students to confirm questionnaire findings and achieve optimal study results.

Study Scope:

Type Boundaries: The study is conducted on undergraduate students at the Faculty of Arts, Alexandria University, specifically in the Departments of Library and Information, and Media.

Subject Boundaries: The study focuses on the Chat GPT application, its capabilities, and limitations.

Geographical Boundaries: The study is conducted within Alexandria Governorate, Egypt