



# AI-Driven Transformation: Advancing Information Literacy at the British University in Egypt Library

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*The*  
**BRITISH  
UNIVERSITY**  
IN EGYPT

**Egypt**

# Research Stages



## Research Background & Goals

# Research Stages



## Methodology: Action Research

# Research Stages

**First stage: Planning and Initial Program Development**

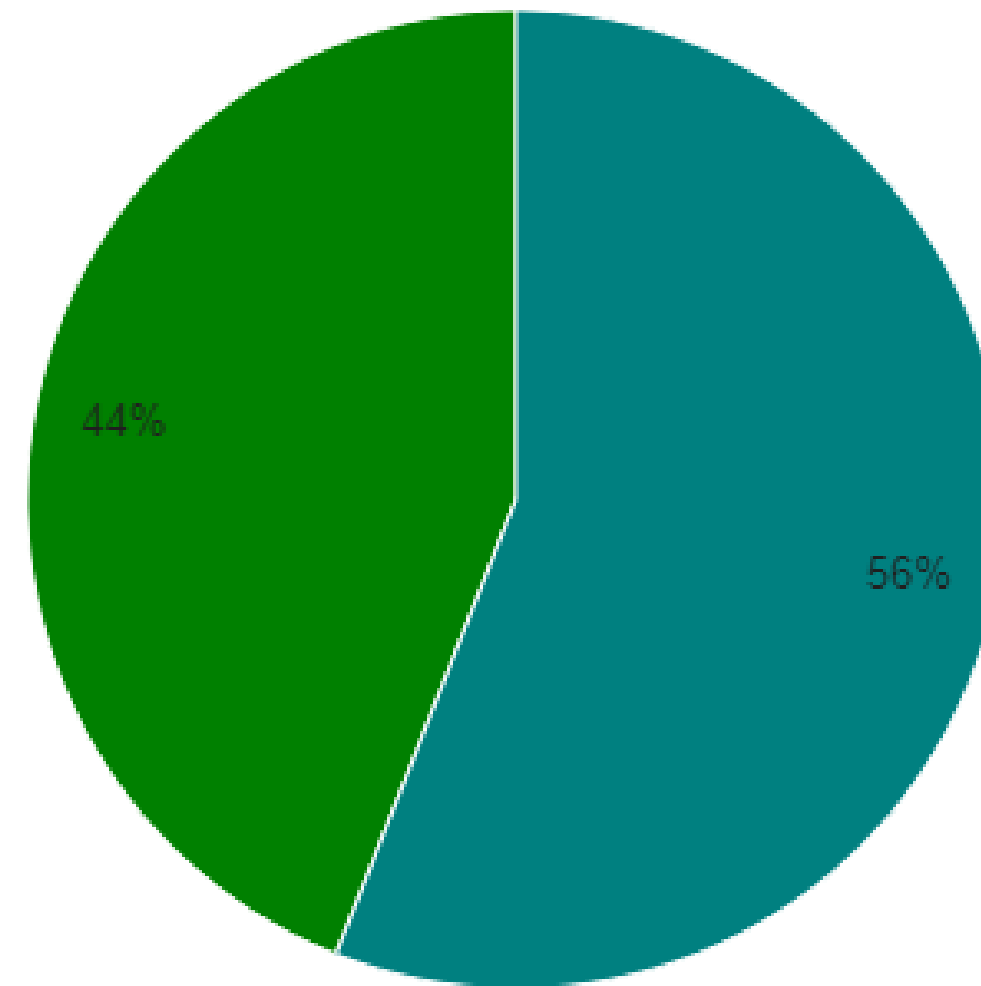
# Research Stages

## Planning

Librarians worked on determining the specific needs of the academic community related to AI literacy.

# Research Stages

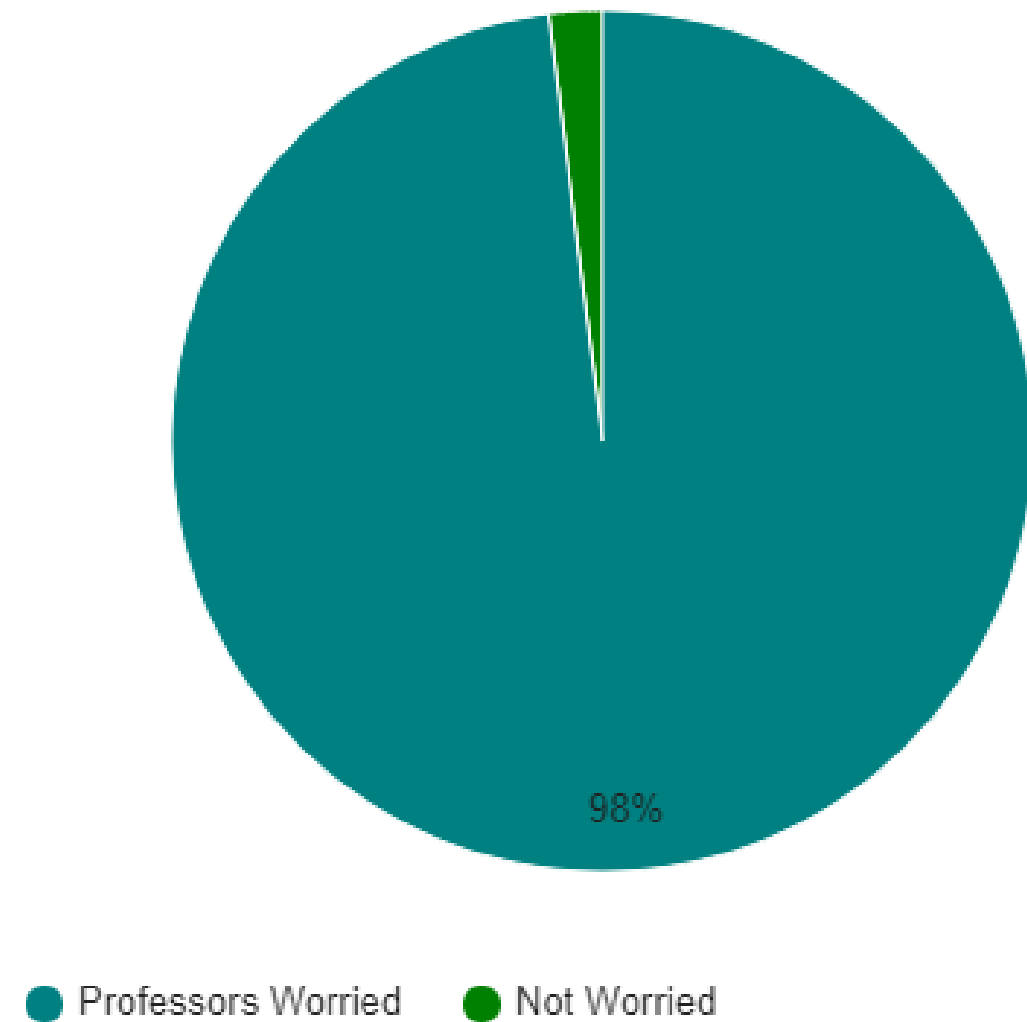
Official AI Guidelines



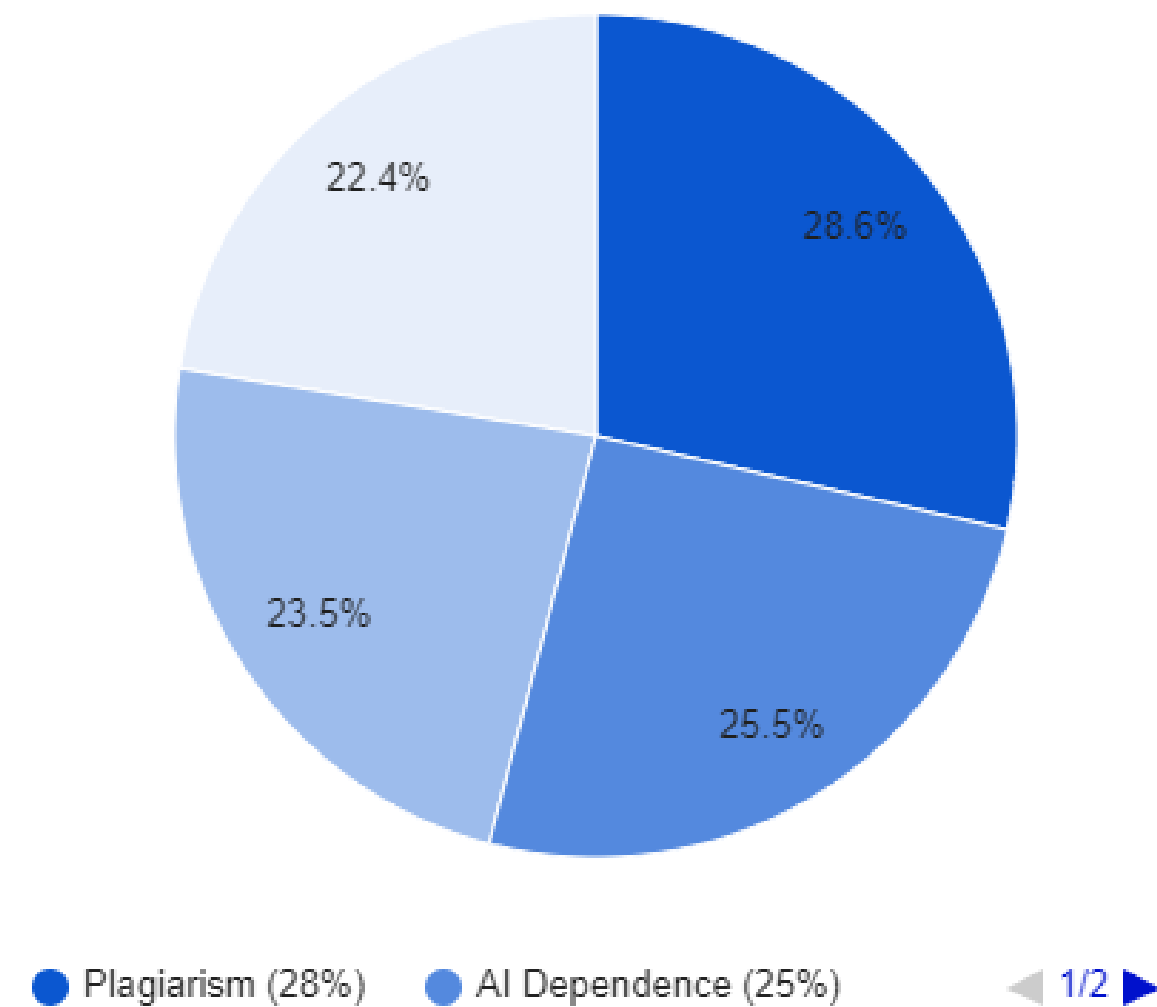
● No Official Rules    ● Official Guidelines Exist

# Research Stages

Professors' Concerns About AI Integration



Student Academic Integrity Concerns



# Research Stages

## AI Literacy Program



Key AI Concepts

Academic Considerations

AI-Powered Research Tools

Introduction to Prompt Engineering

# Research Stages

**Second stage: Initial Implementation and Observation**

# Research Stages

## Trial Workshop

An AI workshop was conducted online to evaluate the program's efficiency.

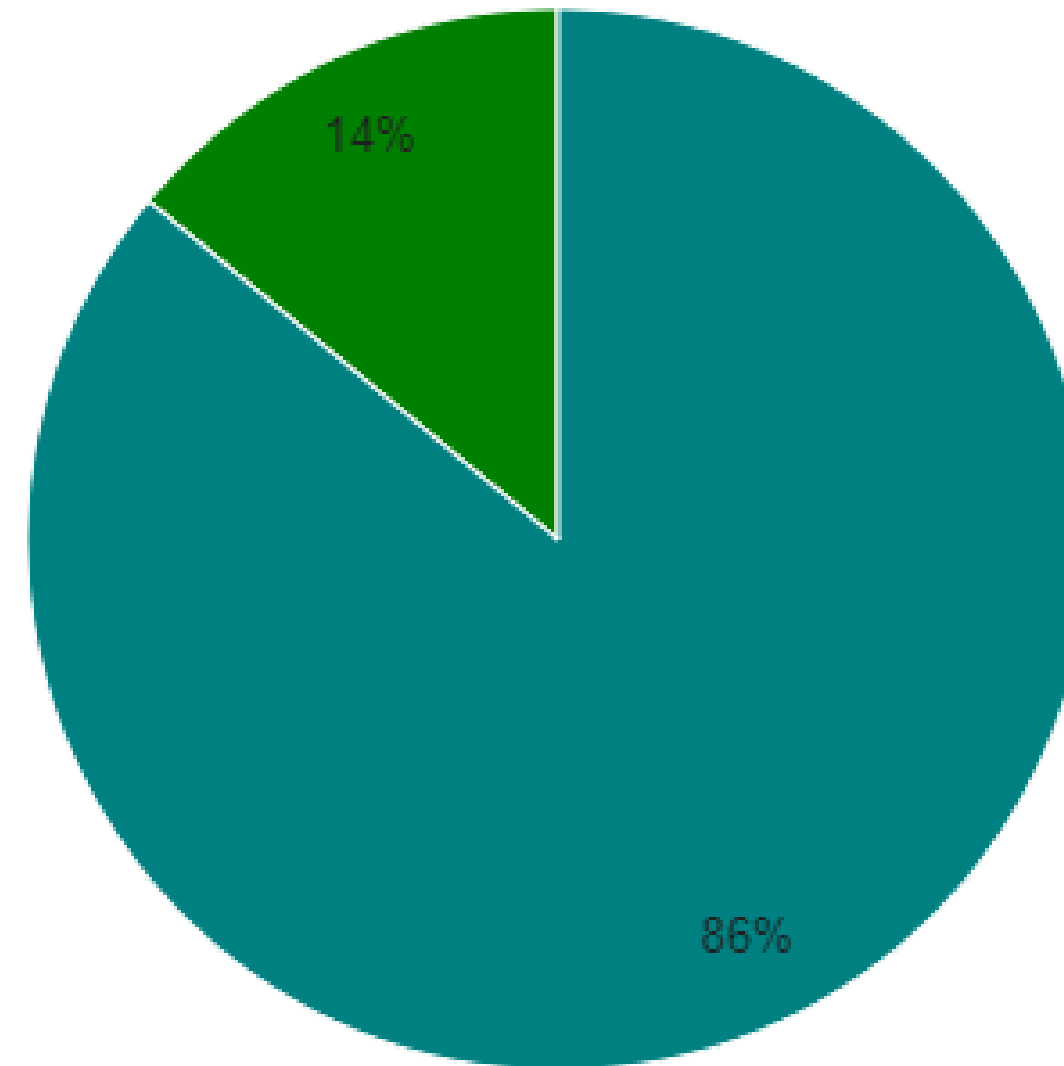
# Research Stages

## Workshop questionnaires

Pre- and post-session questionnaires were administered to measure the program's effectiveness and determine areas for improvement.

# Research Stages

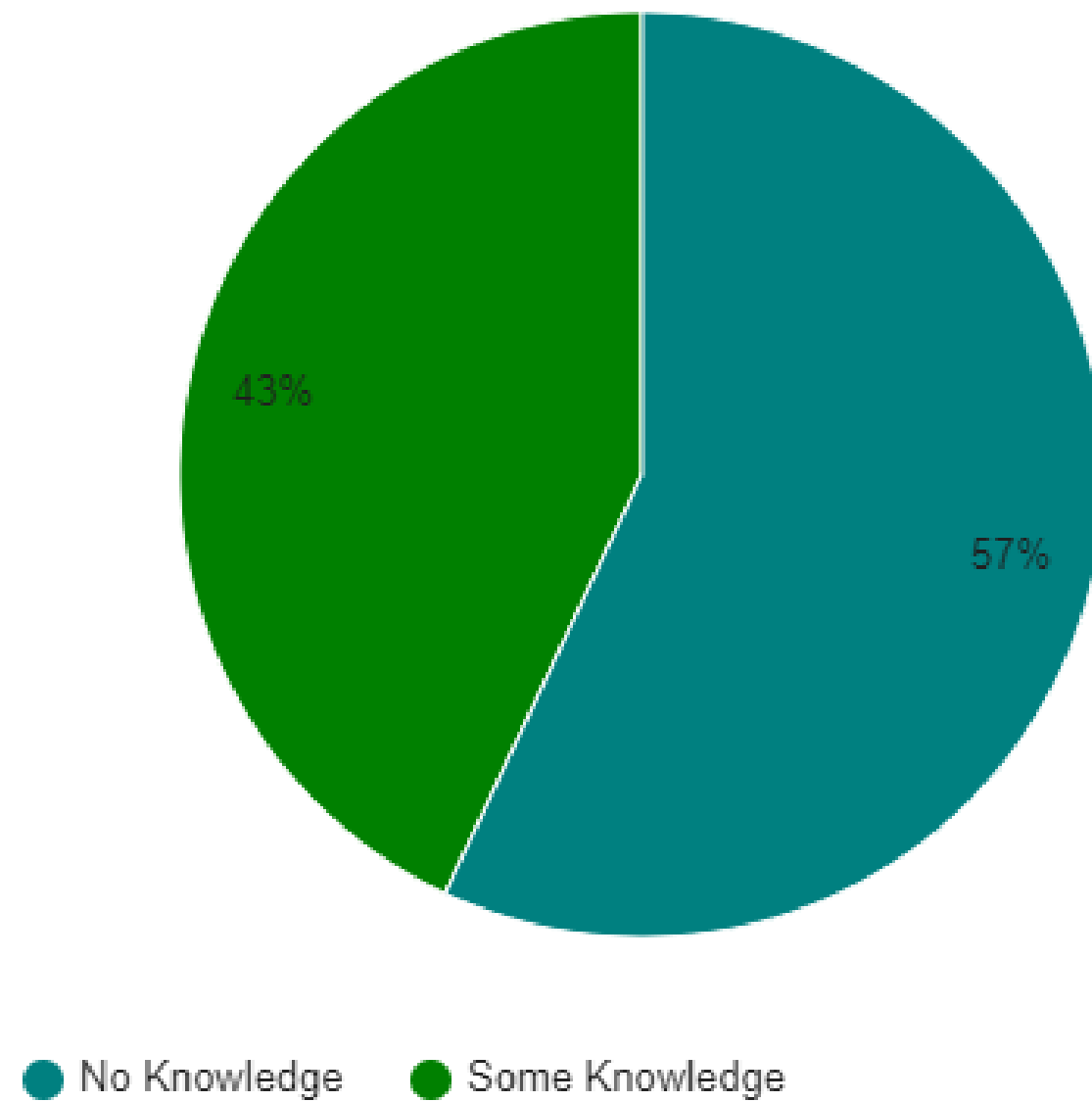
Participation in Previous AI Workshops



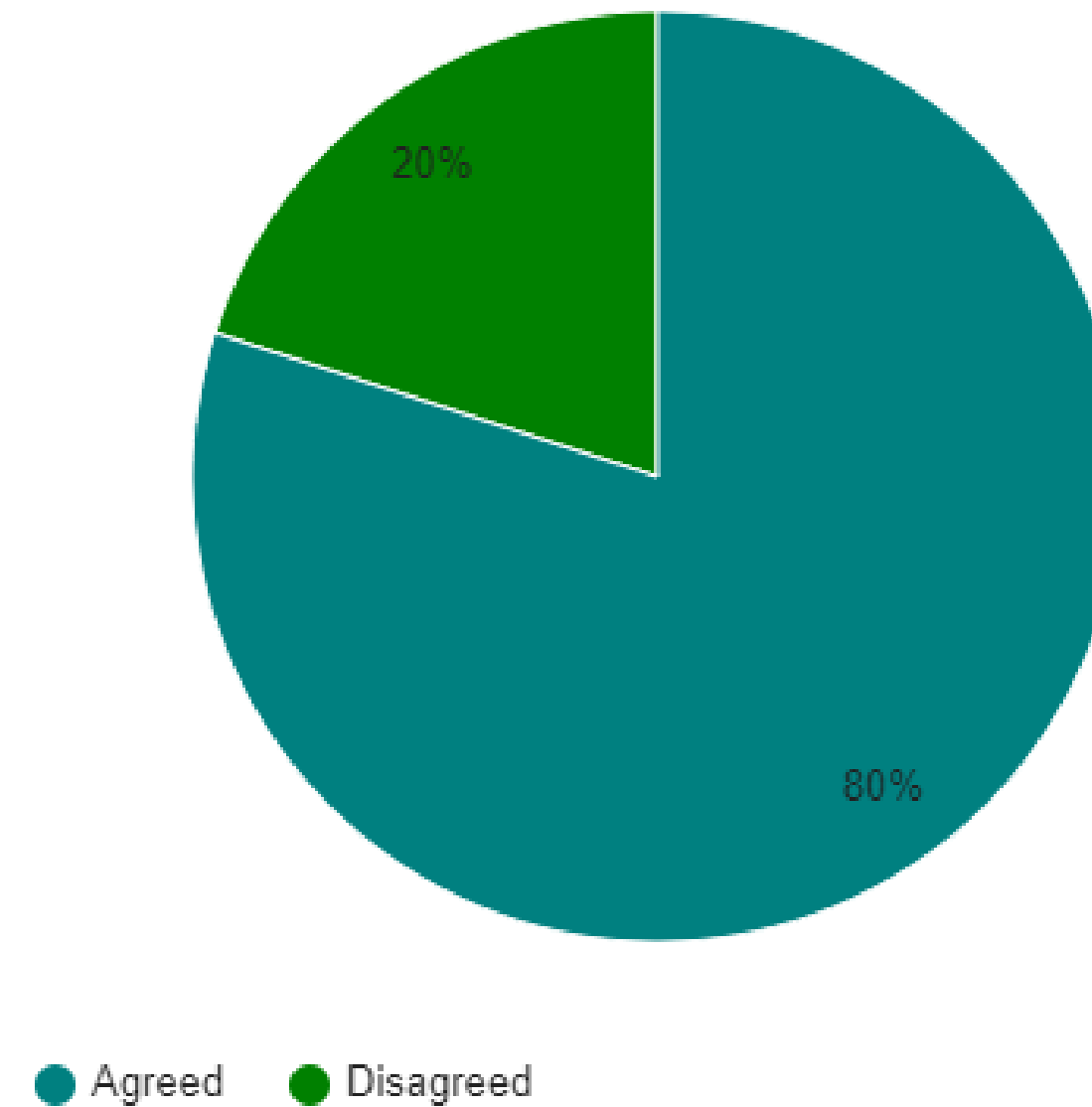
● Never Participated ● Participated

# Research Stages

Students' Understanding of AI Ethics



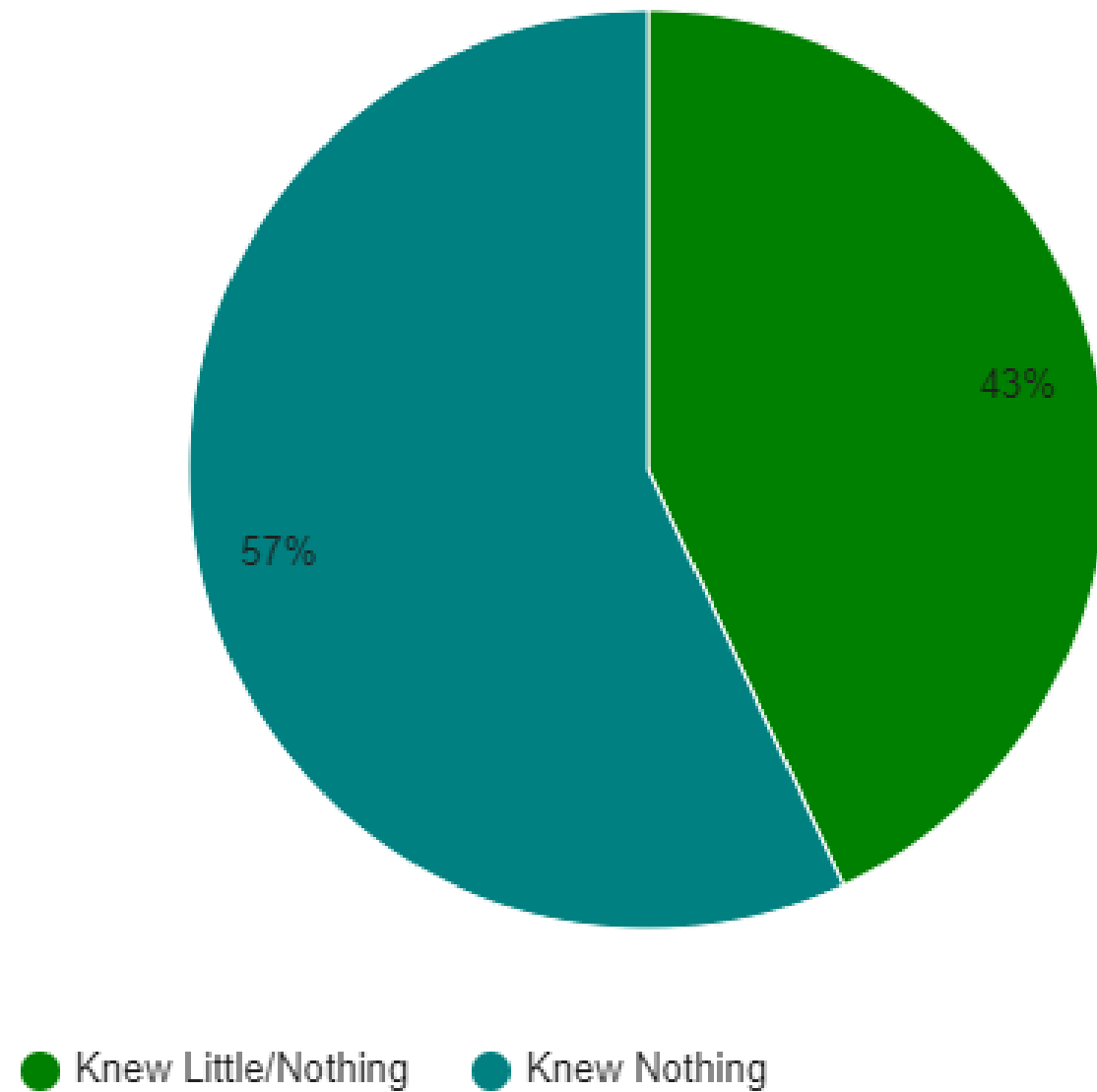
Understanding of AI Ethics After The Session



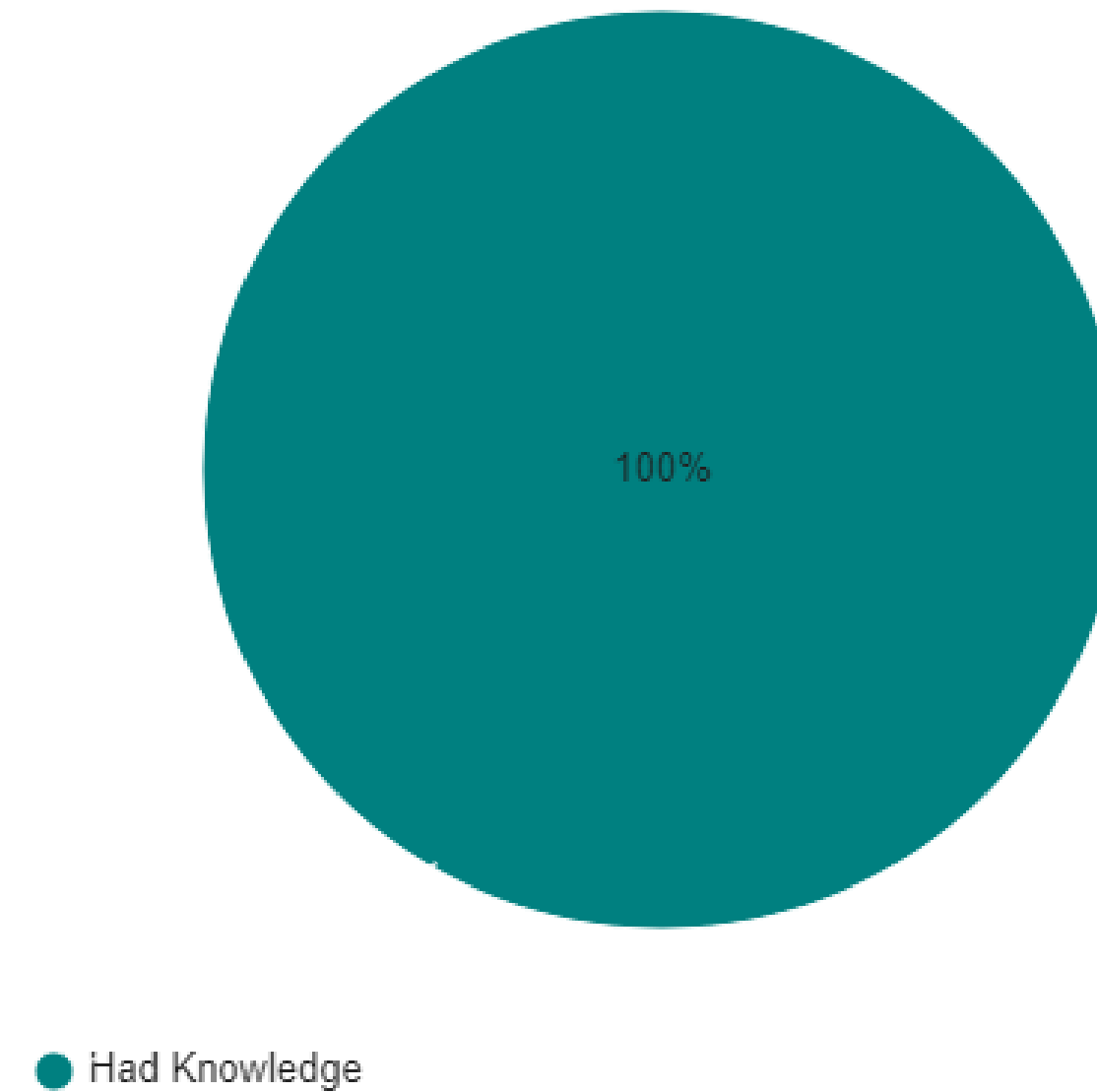
# Research Stages

## Prompt Engineering

Before Session



After Session



# Research Stages

## Third Stage: Reflection and Revision

# Research Stages

## Changes

**Simplified Approach:** We simplified the LLM explanation using figurative language and avoided technical terms to make it easier to understand.

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## Changes

**Incorporated Resource Evaluation:** Based on student feedback, we included resource evaluation in discussions about the accuracy of AI tools.

# Research Stages

**Final Stage: Broader Implementation and Continuous Improvement**

# Research Stages



2024 - 2025



# Key Findings

# Key Findings

- Ethical Framework for AI
- Importance of AI Literacy
- Collaborative Ecosystem

# Thank You..