



**Inside
Higher
Ed**

AI & Student Success | Real-World Insights from Higher Ed

1.24.2024, 2 p.m. Eastern

Webinar: AI & Student Success | Real-World Insights from Higher Ed

Hosts:

- Doug Lederman, *Inside Higher Ed*
- Colleen Flaherty, *Inside Higher Ed*
- Melissa Ezarik, *Inside Higher Ed*
- Alex Leader, Watermark

Panel:

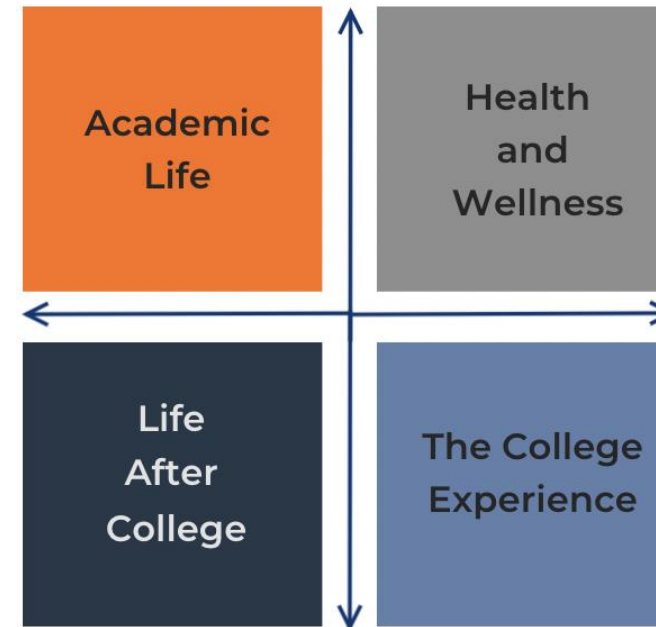
- M'Hammed Abdous, Old Dominion University
- David Crandall, Indiana University-Bloomington
- Will Miller, Embry-Riddle Aeronautical University
- Kathe Pelletier, EDUCAUSE

AI and Student Success

AI enables:

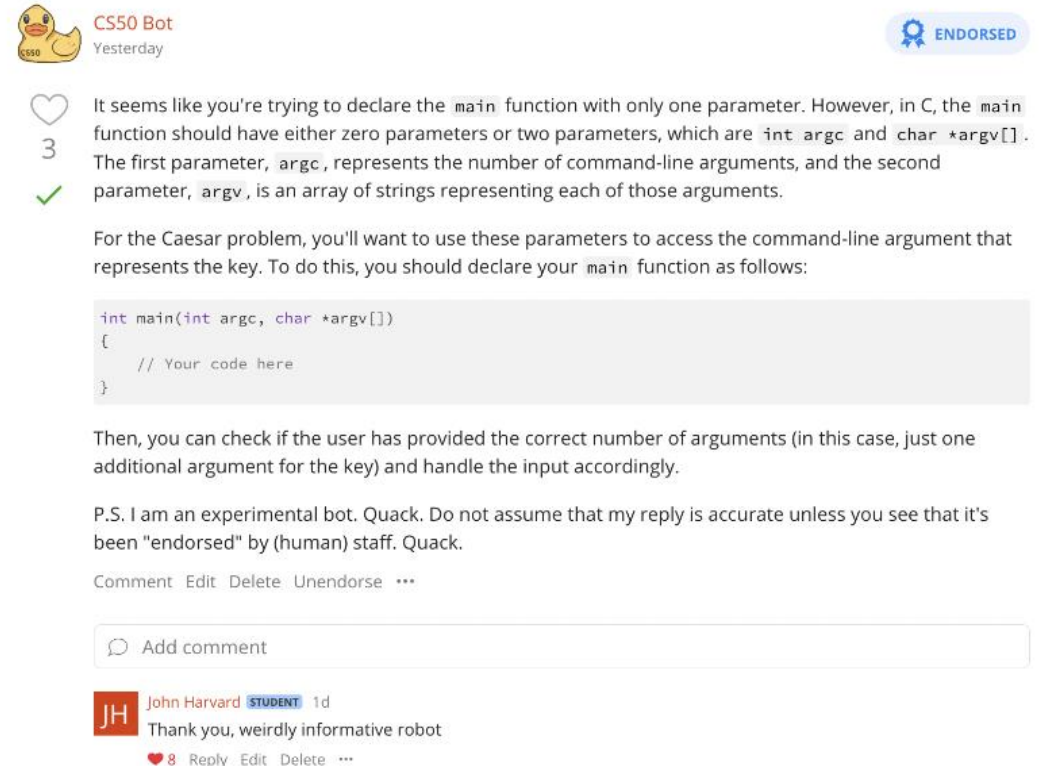
- Predictive analytics
- Prescriptive analytics
- Learning analytics
- Chatbots
- Adaptive learning
- Automated feedback
- Assessment
- More...

IHE's 4 Student Success Pillars:




AI and Academic Life

- “Generative Artificial Intelligence for Education and Pedagogy” (Cornell) recommends 3 policy options: **Prohibit/allow with attribution/encourage**
- University of Michigan developed **U-M GPT** and **U-M Maizey**, Harvard piloted AI TA in CS
- Individual professors are developing GenAI prompt/input formulae
- Ivy Tech uses to **AI-enabled analytics** to identify and reach out to students at risk



The screenshot shows a Stack Overflow post from the CS50 Bot, dated yesterday. The post is endorsed. It discusses the correct number of parameters for the `main` function in C, which should be either zero or two. The two parameters are `int argc` and `char *argv[]`. The first parameter, `argc`, is the number of command-line arguments, and the second, `argv`, is an array of strings representing each argument. The bot provides a code snippet for the `main` function and explains how to check for the correct number of arguments. A user named John Harvard, a student, replies with a thank you message, and the post has 8 likes.

 **CS50 Bot** Yesterday ENDORSED

It seems like you're trying to declare the `main` function with only one parameter. However, in C, the `main` function should have either zero parameters or two parameters, which are `int argc` and `char *argv[]`. The first parameter, `argc`, represents the number of command-line arguments, and the second parameter, `argv`, is an array of strings representing each of those arguments.


For the Caesar problem, you'll want to use these parameters to access the command-line argument that represents the key. To do this, you should declare your `main` function as follows:

```
int main(int argc, char *argv[])
{
    // Your code here
}
```

Then, you can check if the user has provided the correct number of arguments (in this case, just one additional argument for the key) and handle the input accordingly.

P.S. I am an experimental bot. Quack. Do not assume that my reply is accurate unless you see that it's been "endorsed" by (human) staff. Quack.

Comment Edit Delete Unendorse ...

 **John Harvard** STUDENT 1d
Thank you, weirdly informative robot
8 Reply Edit Delete ...

A look at the AI Harvard uses for its CS50 course.

AI and Health and Wellness

Takeaways from chatbot analysis of 1 million student messages:

1. Start checks-ins early
2. Boost confidence and opportunities for connection
3. Support basic needs
4. Invest in student wellness



AI and the College Experience

Involvement and Retention

- College of Saint Mary adopted an AI-enabled student success platform and boosted retention 6%, to 88%, from 2021 to 2022
- Indiana University in Pennsylvania increased retention 3% in 2020
- Complete College America's "Attainment With AI" includes 200 applications of AI in boosting student success



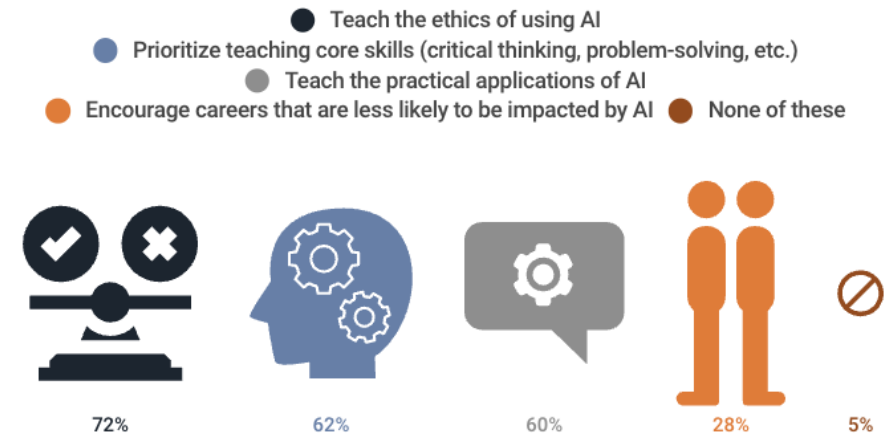
AI and Life After College

Takeaways from IHE's Student Voice survey on AI and work:

1. AI is *already impacting what students plan to study*, especially newer students
2. AI is *impacting students' career plans*
3. Most students, across majors, say their *institutions should be readying them for AI in the workplace*
4. Students are *seeking both ethical and practical AI training*

AI and Work: Preferences for Preparation

Share of students who say their institution should ready them for AI in the workplace in the following ways (multiple options allowed)



Source: Inside Higher Ed/College Pulse survey of 1,250 college students.

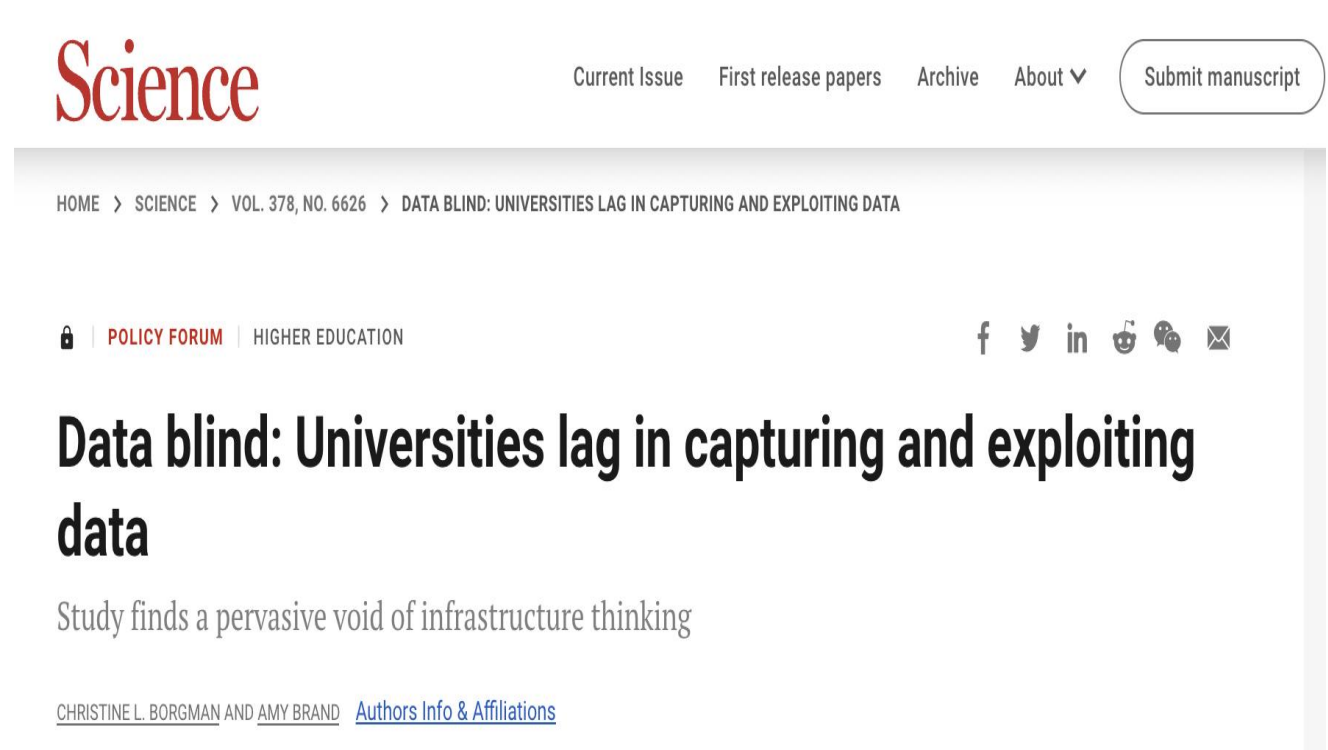


Student Voice is an Inside Higher Ed and College Pulse collaboration.

AI and Maximizing Data

“Data-informed decision-making provides opportunities to promote transparent governance; advance fairness and equity for faculty, students, and staff; and save money.”

—Researchers Christine L. Borgman and Amy Brand



The screenshot shows the Science journal website. At the top, the Science logo is on the left, and navigation links for 'Current Issue', 'First release papers', 'Archive', and 'About' are on the right, along with a 'Submit manuscript' button. Below the navigation is a breadcrumb trail: 'HOME > SCIENCE > VOL. 378, NO. 6626 > DATA BLIND: UNIVERSITIES LAG IN CAPTURING AND EXPLOITING DATA'. The article is categorized as 'POLICY FORUM' and 'HIGHER EDUCATION'. Social media sharing icons for Facebook, Twitter, LinkedIn, and others are visible. The main title of the article is 'Data blind: Universities lag in capturing and exploiting data', followed by the subtitle 'Study finds a pervasive void of infrastructure thinking'. The authors are listed as 'CHRISTINE L. BORGMAN AND AMY BRAND' with a link to 'Authors Info & Affiliations'.

Panel Discussion

Sponsor Spotlight:



Alex Leader, Chief Impact Officer

Audience Q & A

Thank you!

