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The University of Texas at Austin

Academic Integrity and Assessment Design in the Age of AI

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Meet the Speakers

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Jordan Adair

VP of Product
Honorlock

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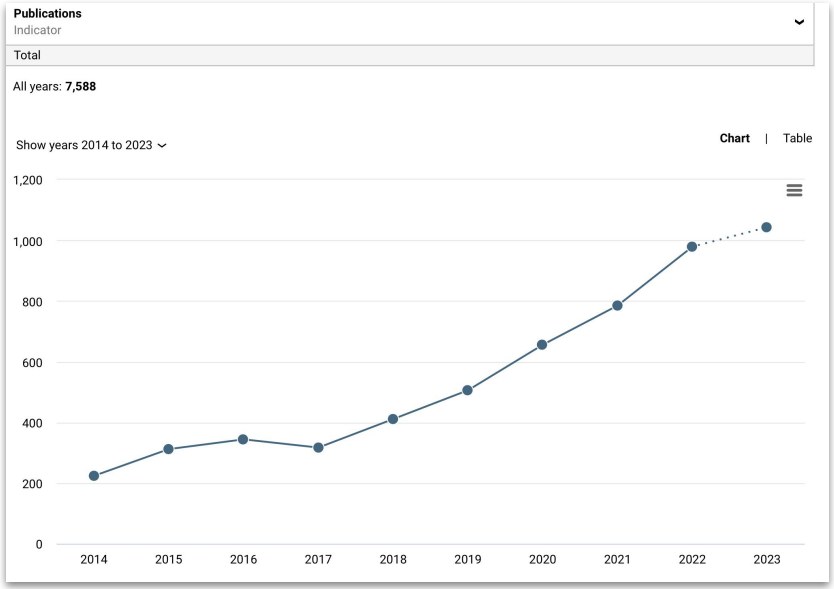
Academic Integrity in the Age of ChatGPT

Concern about academic integrity has steadily risen over time.

- Consistent increase in scholarly publications and Google searches related to academic integrity
- Recent spike in concern specific to ChatGPT



Scholarly publications in science and medicine with the term “academic integrity” in the title and abstract (Dimensions, 2023)

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Big Idea: Concern about Academic Integrity Evolves Alongside Academic Technology

From Scantrons to online exams, technological advances in academic assessment have required constant adaptation in higher education.

History indicates ChatGPT will not be the last disruption in academic technology or academic integrity.

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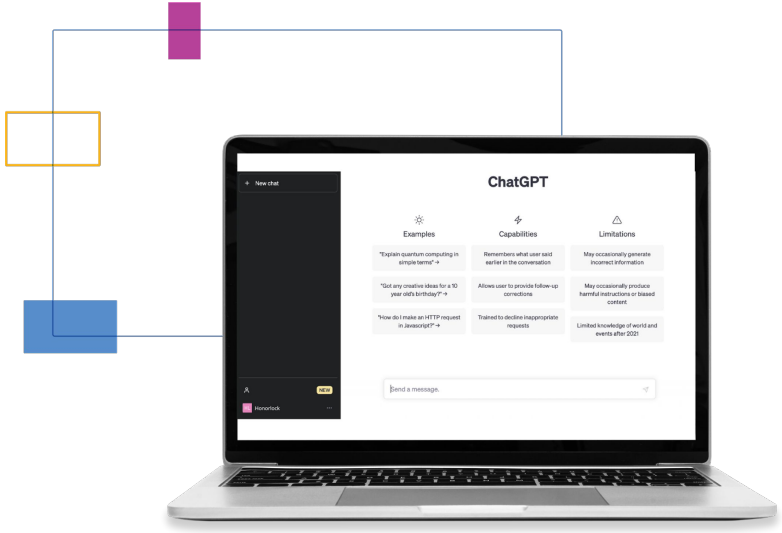
What Makes Generative AI a Unique Disruption to Academic Integrity?

Generative AI creates “new” content that never existed before.

- AI detectors are not reliable
- Generative AI has multiple hazards that instructors need to understand and teach their students



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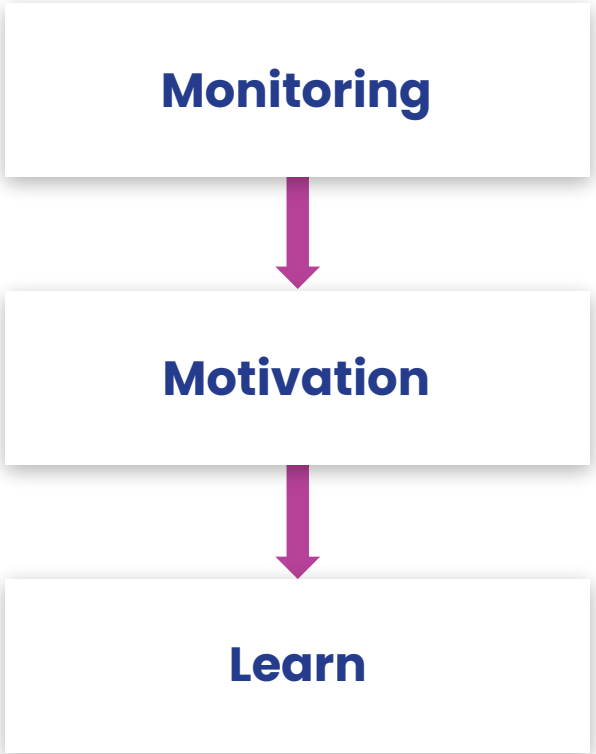
Future-Forward Academic Integrity Strategies

Adapting to an ever changing learning environment.

- Resilient academic integrity policies will be technology agnostic and pedagogically centered
- The University of Texas at Austin (UT Austin) sees next generation learning environments as necessitating a move from rigorous monitoring to rigorous motivation to learn when it comes to academic integrity policy



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Supporting Resilient Integrity Strategies

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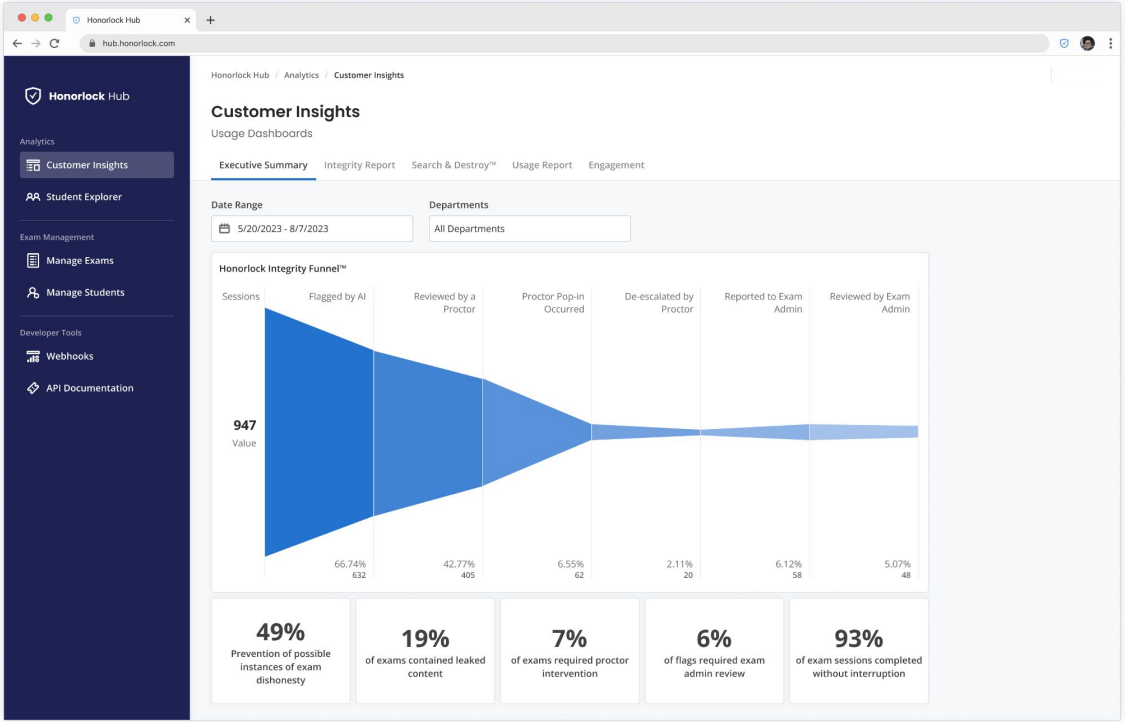
Most Students are Honest Test-Takers

Using analytics to reinforce that most students are not attempting academic dishonesty

Shifting Perspectives

Data reveals that proctoring isn't about what's being caught, but how many students are kept on a path to success from the start



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Using Data to Inform

Academic Integrity Strategies

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Balance the Technical with the Philosophical

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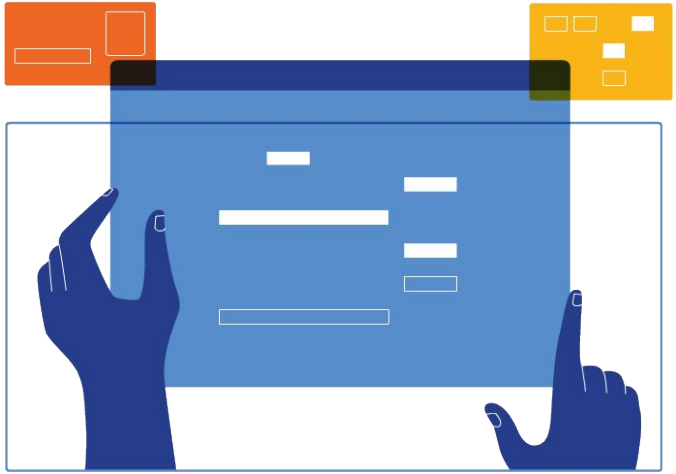
UT Austin is approaching academic integrity by balancing pedagogical and technical interventions.

- **Philosophical:** Moving from performance to mastery orientation centrally; embracing AI
- **Technical:** Using data to drive engagement with learning and cultivating faculty readiness to use assistive-AI tools such as online proctoring software



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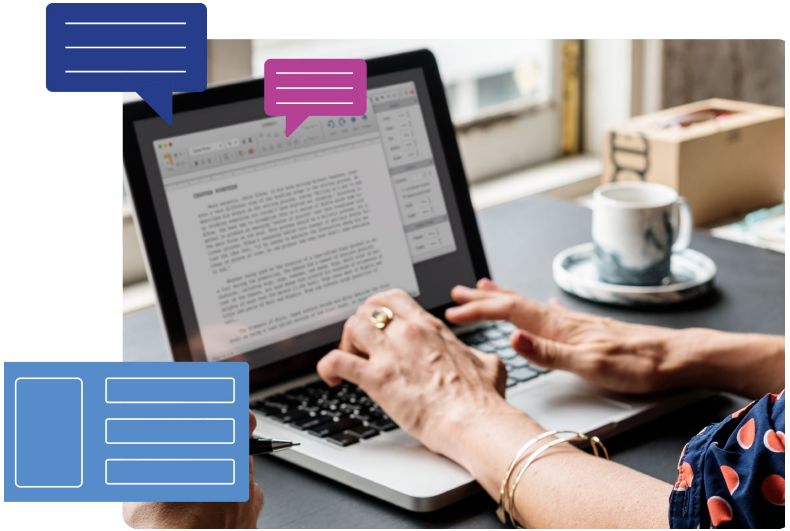
Engage Stakeholders in Fostering a Culture of Academic Integrity

At UT Austin, the pandemic sparked a new vision for academic integrity.

- Students, faculty, and staff collectively engaged to address changing landscape of online teaching, learning, and proctoring technologies during pandemic



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Reimagine the Honor Code

UT Austin launched a new honor code to focus on mastery versus performance orientations for learning.

- **UT Honor Code Excerpt:** "I pledge to value the process of learning in addition to the outcome, while celebrating and learning from mistakes."

KVUE

UT updates honor code to focus on positivity, embracing new technology like AI

AUSTIN, Texas — The University of Texas has updated its honor code to focus on the positive following the pandemic and bring flexibility in...

4 weeks ago

The Daily Texan

UT Honor Code updated to combat new A.I. challenges

The Office of the Dean of Students recently announced a significant change to the UT honor code in an effort to maintain its relevance...

1 month ago

CBS Austin

University of Texas updates student honor code to address concerns over use of AI in the classroom

University of Texas updates student honor code to address concerns over use of AI in the classroom ... AUSTIN, Texas — The University of Texas at...

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KVUE

UT Austin updates honor code, encourages use of AI

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Move from Monitoring to Motivation using Data

Shifting the focus to belonging interventions.

- UT Austin strategic plan includes “igniting a sense of belonging”
- Academic technology data analytics provide early indicators of student engagement

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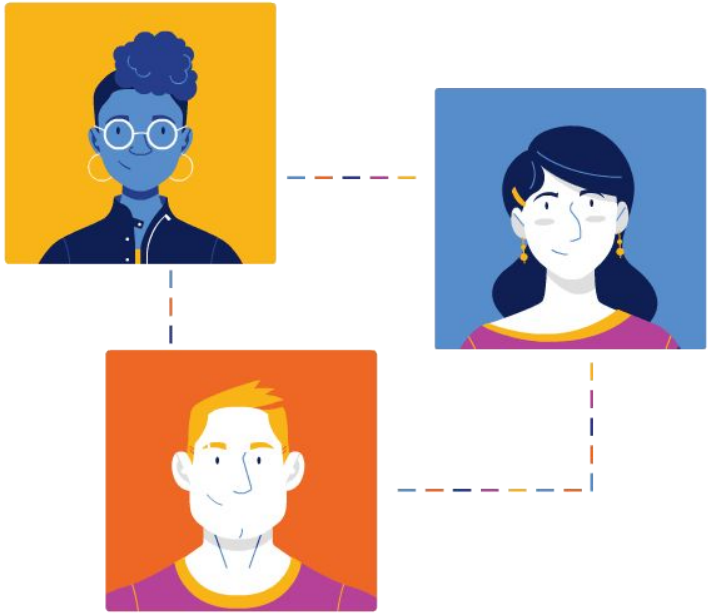
"Students who lack a sense of belonging in higher education tend to withdraw and avoid engagement. It is crucial for students to feel belonging and connectedness before a pattern is established."

EDUCAUSE Horizon Report 2023



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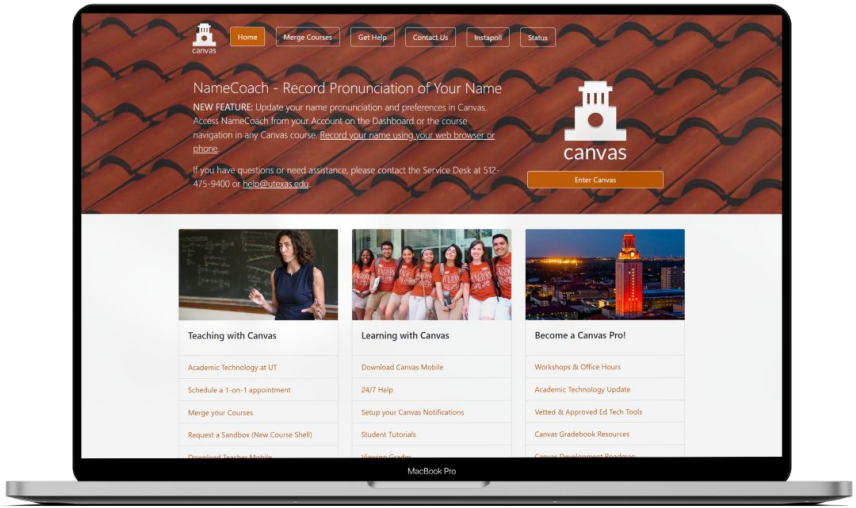
Utilize Data to Impact Learning Outcomes

Enhancing student user experience by putting the LMS at the center of strategy.

- **Challenge:** Data indicated gaps in accessibility, privacy, security, and user experience for students within Canvas LMS
- **Solution:** A policy was developed to reinforce consistent and meaningful learning experiences



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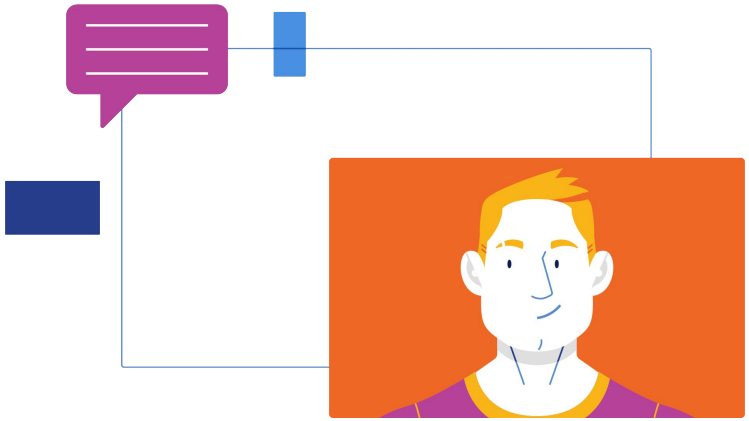
Bridge Together Quantitative and Qualitative Data

Analytics combined with student input can better inform policies and procedures.

- **Examples include:**
  - The level of trust in the academic integrity process
  - Overall sentiment toward an institution's academic integrity policies and their impact on grade performance



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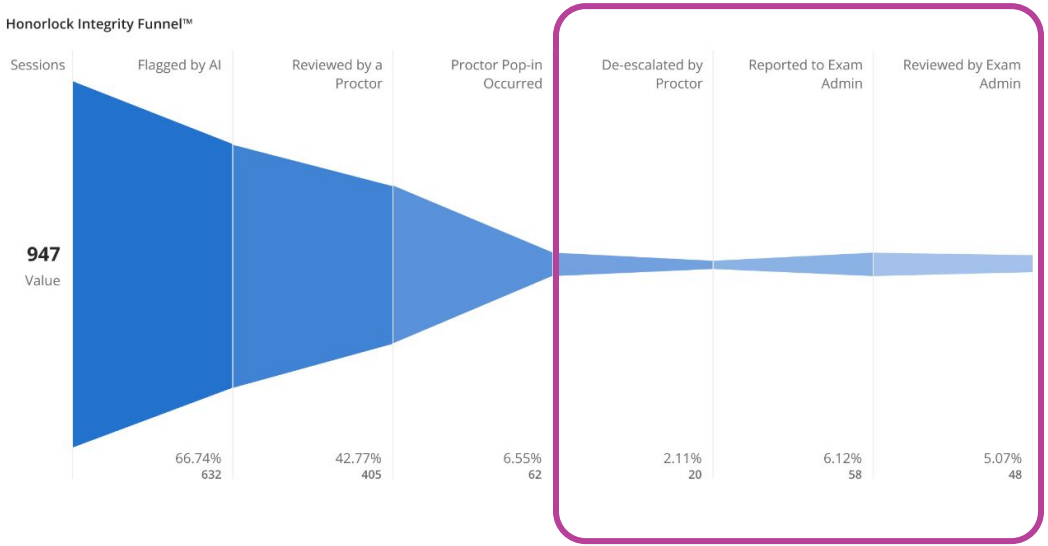
Create an Environment of Academic Integrity

The key to a healthy academic environment is a solid feedback loop.

- Are exam administrators leveraging and maximizing integrity tools?
- How often are exam administrators reviewing post-exam results and providing feedback to students?



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Support a Healthy Learning Environment

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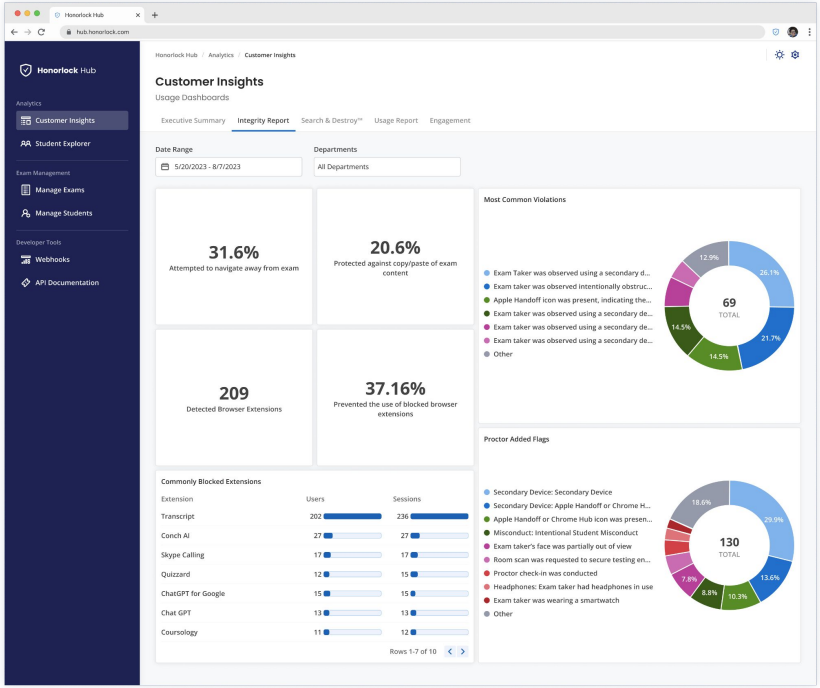

Reinforce the Human Element

Identifying potential pitfalls and learning gaps by gathering analytics that inform your academic integrity gameplan

Understanding Exam Behavior

Utilizing data and analytics can reveal student behavior during exams and reinforces the integrity of the learning environment

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Drive the Importance of Data Literacy

UT Austin is using data literacy to motivate the academic integrity process.

Evaluated online proctoring tools for pedagogical efficacy, user experience, and campus needs

Partner with vendor willing to help us increase faculty readiness to use assistive AI/online proctoring tools responsibly

Implemented policy and programming to inform faculty on the ineffectiveness of generative AI detection tools

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Tips to

Build Better Assessments

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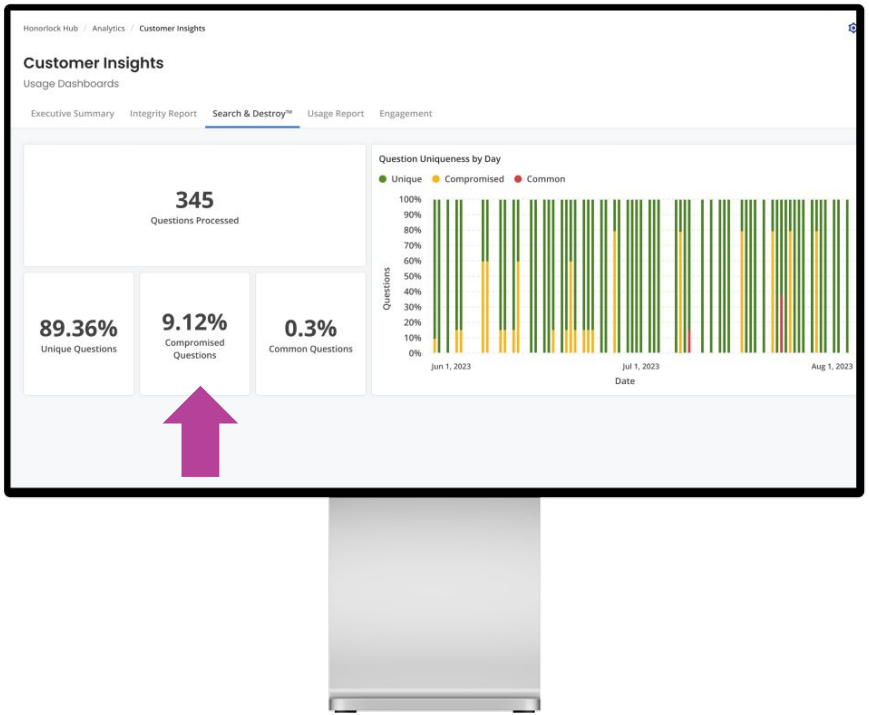
Evaluate Assessment Uniqueness

Utilizing integrity tools to assess leaked content on the web.

- Academic leaders can access the uniqueness of exam content across the institution
- Analytics provides a window to identify trends at a college or course level



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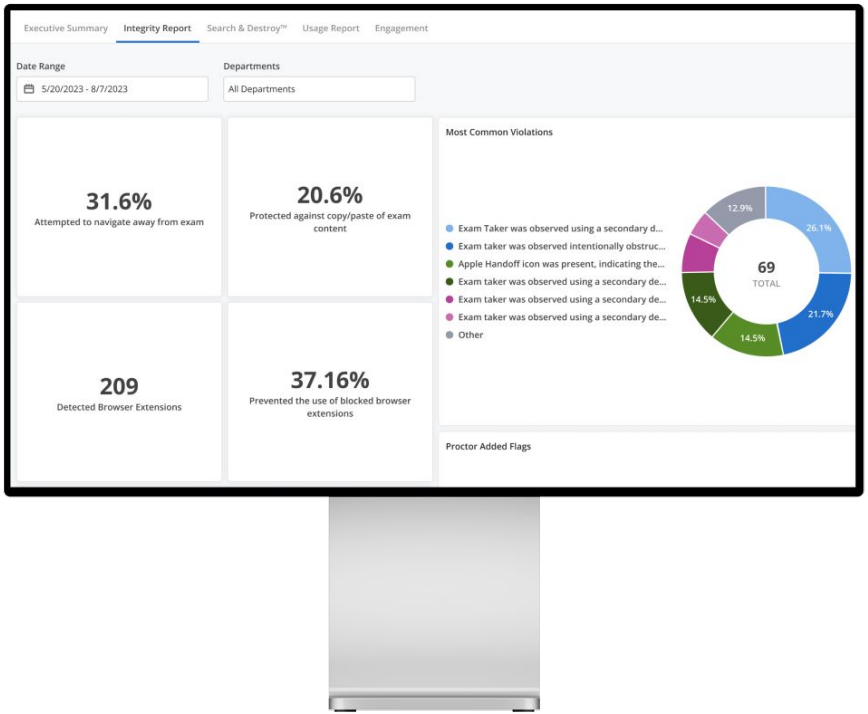
AI and Exam Integrity

Assessments development must be reevaluated.

- Tactics to ensure unique exams:
    - Cite specific resources and case studies
    - Implement time restrictions
    - Utilize open-ended questions
    - Leverage AI as part of your assessment



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Use Data to Drive Better Campus-Wide Assessment Strategies

UT Austin's Course Clarity Project

- Helps instructors better articulate meaningful learning outcomes and align assessments with those outcomes
- Using analytics to evaluate prevalence and clarity of learning outcomes on syllabi

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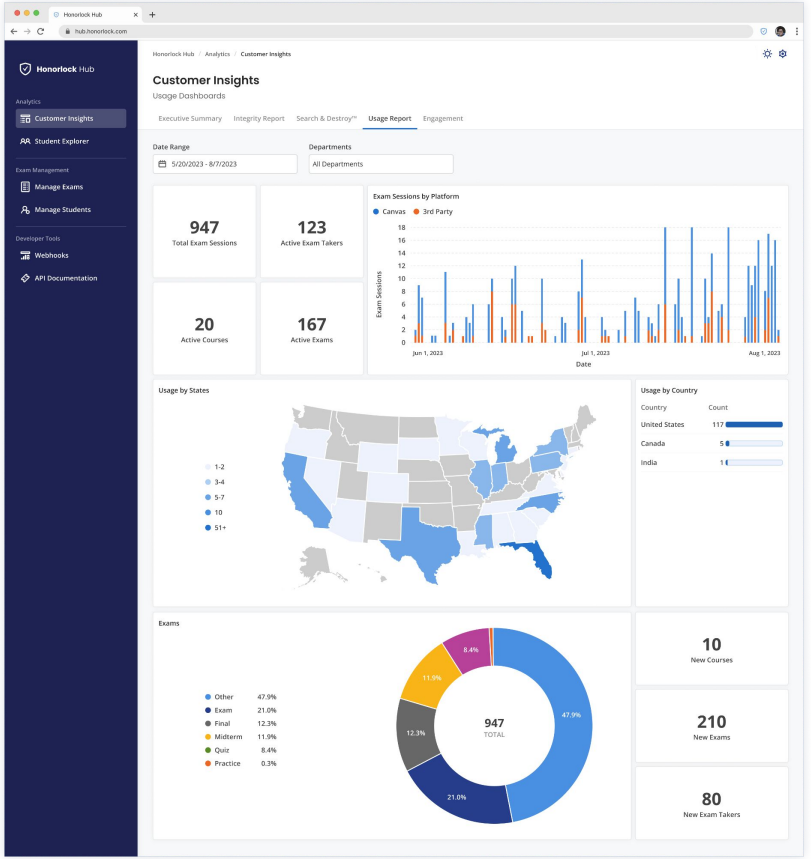
Leverage Integrity Tools that Offer Data Insights

Greater Visibility

Understand how students and faculty are interacting with integrity tools

Empowerment Through Analytics

Actionable insights into how integrity tools impact academic integrity



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Thank you!

Do you have any questions?

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