

Enhancing efficiency and security in higher education:

The benefits of AI for saving time and resources.

AI Assistant

Create a presentation structure from these papers and focus on transition between the ideas.

CONTENTS		
CHAPTER NO.	CHAPTER NAME	PAGE NO.
1	A SIGNIFICANT RIGHTS AND VALUE ORIENTATION ON HUMAN RESOURCE ANALYTICS WITH SYSTEMATIZATION OF RESEARCH TOPICS AND DIRECTIONS FOR FUTURE RESEARCH Akshata Singh	1
2	CHATBOTS – A RECENT ADVANCEMENT IN BUSINESS Amal Joseph	9
3	AUGMENTED REALITY IN E-COMMERCE Amal Joseph	10
4	ON MONETIZING FANDOM AND THE ADVENT OF A NEW ECONOMIC CULTURE AND LANGUAGE Anandhi K R	20
5	FUTURE INSURANCE IMPLICATIONS OF ARTIFICIAL INTELLIGENCE: A META-ANALYSIS Dr. K. Mallikarjuna Rao , Dr. S. Trivimalaksh	27
6	A STUDY ON THE FUTURE OF THE INTERNET OF THINGS (IoT) Dr. K. Mallikarjuna Rao , Dr. S. Trivimalaksh	35
7	CONVERGENT ENTERPRISE HEALTH ISSUES AT WORKPLACE Dr. Anshum Kharwal Wal	43
8	THE EFFECT OF INVOLVEMENT, LACK OF USE AND SOCIAL INFLUENCE ON SMART WEARABLES USAGE Dr. Shweta Chhabra	53
9	CREDIT RISK MANAGEMENT IN BANKS - A REVIEW Dr. Vijay K. Misra	59
AND PROSPECTS IN THE PROMOTION OF LEADERSHIP		69

Assessing the Impact of Generation Z's Marketing Methods on the Current UK B Consumer's Purchase Intention as a Case Study

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According to research, digital marketing strategies in the economy. This research paper offers an overview of Generation Z digital marketing methods, their applications, how the influence, consumer behavior, and how it impacts the current UK consumer market and its future. The paper also discusses the various types and kinds of marketing methods and their impact on the economy. The paper also discusses the various types and kinds of marketing methods and their impact on the economy. The paper also discusses the various types and kinds of marketing methods and their impact on the economy.

1. INTRODUCTION
"Generation Z" refers to people born between the 1990s and 2010s. Variations between generations can be used to explain the differences between cultures. In this paper, we will explore the differences between the current UK consumer market and its future. The paper also discusses the various types and kinds of marketing methods and their impact on the economy.

2. LITERATURE REVIEW
Digital marketing is the process of using the Internet to advertise and promote goods and services. Aspin et al. (2018) identified four dimensions of digital marketing strategies: the first significant factor is personalized marketing which involves user personalization and content that generated for the company. Social media marketing, the second significant dimension, illustrates the exceptional ways of marketing through various social media platforms. Aspin et al. (2018) proposed that marketers are concentrating on content-driven marketing strategies to make a positive impression. The conclusion that Facebook posts and Instagram stories are two excellent platforms for marketers to promote their goods. Chakraverty et al. (2019) provided a structured model of digital marketing and provided literature to specify the effect of digital marketing on online purchase intention. Research indicates that online purchase intention was positively and significantly impacted by digital marketing. Aspin et al. (2018) suggested that Social media has become a powerful tool for marketers to promote their goods and services. The research indicates that social media marketing is a powerful tool for marketers to promote their goods and services. The research indicates that social media marketing is a powerful tool for marketers to promote their goods and services.

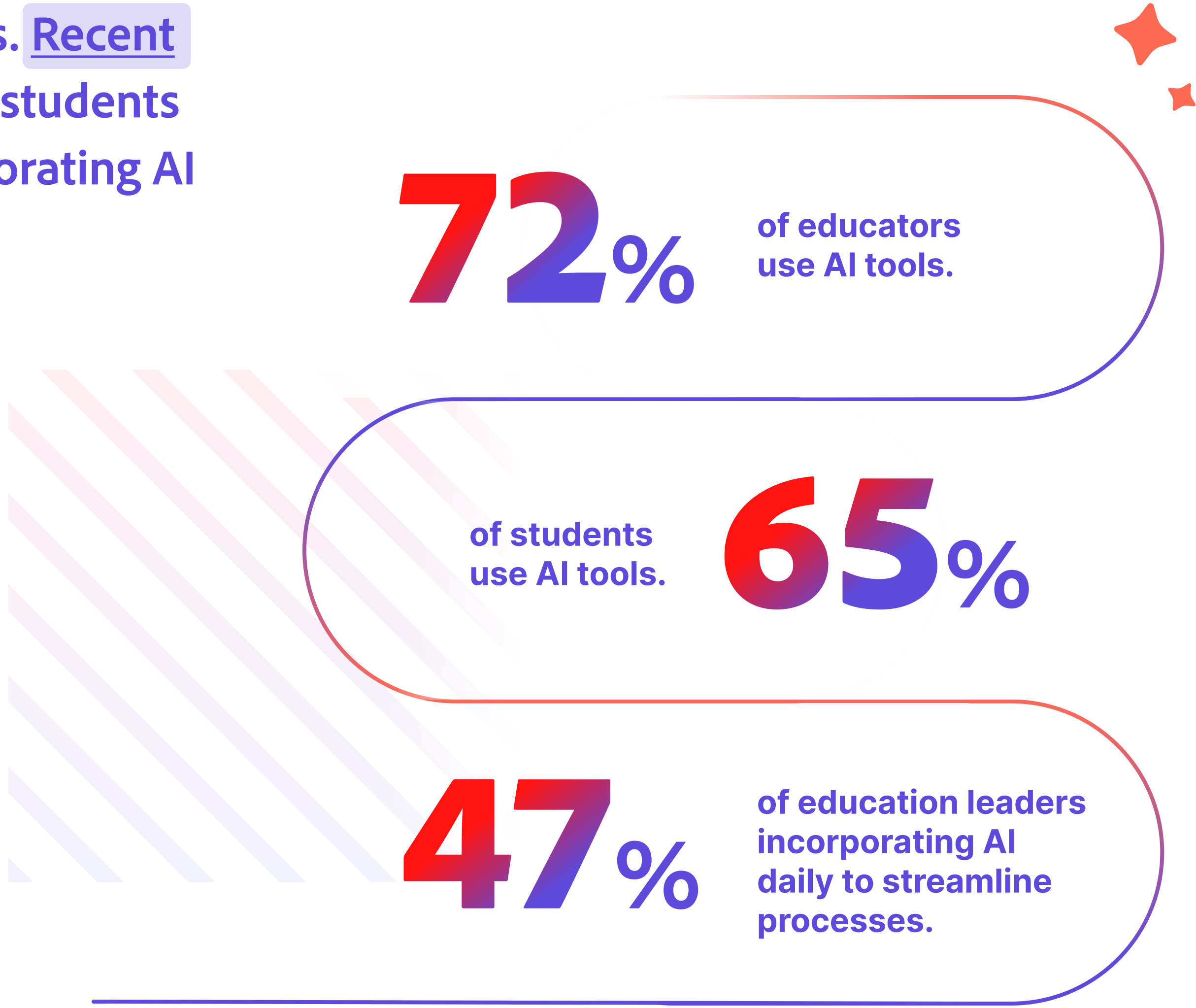
Introduction	03
Key benefits of responsibly designed AI in higher education.	04
Exploring the potential of AI.	04
AI's role in transforming higher education.	05
• Senior managers, deans, and board members	06
• IT Director	06
• Educators and teaching assistants	07
• Administrative staff	08
• Marketing director	09
• Student	09
Transforming higher education with Acrobat AI.	10
• Business school	11
• Science departments	12
• Engineering schools	13
• Law schools	13
• Language and literature departments	14
Conclusion	15

Artificial Intelligence (AI) is revolutionizing higher education by enhancing operations and educational offerings. Recent research shows that 72% of educators and 65% of students use AI tools, with 47% of education leaders incorporating AI daily to streamline processes.

Adobe Acrobat AI Assistant offers substantial benefits to higher education institutions, including document interaction, content creation, mobile voice prompts, cross-document insights, and generative summaries and transcripts.

This resource highlights the advantages of integrating AI into higher education, addressing common concerns and showcasing its potential through practical scenarios.

For a comprehensive, longform breakdown of the impact of Acrobat AI Assistant across disciplines, along with specific time saving measurements, check out this study, commissioned by Adobe and conducted by Pfeiffer Consulting.



72% of educators use AI tools.

of students use AI tools. **65%**

47% of education leaders incorporating AI daily to streamline processes.



Automate routine tasks: Save time and improve efficiency by automating administrative processes.



Empower educators and students: Utilize AI-driven tools to enhance teaching and learning. Educators can provide personalized learning experiences, and tailor educational content to meet individual student needs, boosting engagement and outcomes.



Diverse applications: Address unique needs across various departments, such as business, science, engineering, law, and literature.

The modern campus is inundated with unstructured data in the form of documents — often briefs, research papers, and policy memos. Adobe's responsibly designed and implemented approach to Generative AI acts as the missing link, automating the extraction and analysis of this data to provide actionable insights. This significantly enhances productivity and strategic decision-making.

Exploring the potential of AI

Imagine a university where administrative tasks are no longer a burden, where faculty can dedicate more time to teaching and research, and where students have access to personalized learning experiences. This is the reality that Adobe Acrobat AI brings to your campus.

By streamlining administrative processes, AI frees up valuable time for staff and faculty, allowing them to focus on what truly matters — educating and inspiring students.

This paper explores how AI, particularly Acrobat AI Assistant, can meet the diverse needs of higher education institutions. Let's take a closer look at the full potential of AI in higher education and how it can benefit your institution.



AI's role in transforming higher education.

Practical applications and benefits for all academic roles.





AI-powered tools create an inclusive and efficient learning environment by providing personalized resources and making education accessible to all. Data-driven insights help educators tailor their teaching strategies, ensuring every student can thrive and prepare for a digital future.

Adobe Acrobat AI fosters collaboration by simplifying communication and project management, enabling seamless teamwork, and driving creativity and innovation. This results in a vibrant, forward-thinking institution that stands out in higher education.

Overall, Adobe Acrobat AI positions your university as a leader in adopting cutting-edge technology, transforming it into a hub of efficiency, quality education, and innovation. Let's explore how different roles within your institution can leverage AI to tackle their unique challenges and enhance their roles.

Senior managers, deans, and board members:

"How can AI improve our institution's efficiency and what is the ROI of implementing AI?"

AI automates administrative tasks like document management and data analysis, freeing up staff to focus on strategic activities. The return on investment includes time savings, improved operational efficiency, and enhanced educational outcomes, justifying the initial investment.

Example: Compiling a strategic report on new educational regulations might usually take around an hour. With Acrobat AI Assistant, distilling this information and summarizing the key points could be reduced to a fraction of this time.

These time and monetary savings can be reinvested into academic programs and student services, leading to measurable improvements in student outcomes, research progress, and campus efficiency.

IT director:

"Are existing AI tools secure and easy to integrate with our existing systems?"

Ensuring the security of institutional data is paramount, as it often contains sensitive information. AI tools must provide robust security features and integrate seamlessly with existing IT infrastructure to protect this data. **Acrobat AI Assistant is designed with advanced encryption and secure access controls, ensuring that all user data remains protected, and cached content is cleared after 12 hours. It integrates easily with existing systems, and is embedded within Adobe Acrobat — requiring minimal workflow adjustments.**

For a detailed security fact sheet that illustrates the flow and security of user data with Acrobat AI Assistant, [check out this resource from the Adobe Trust Center.](#)

Since your campus community is likely already spending significant time in Adobe Acrobat and working with various document formats, Acrobat AI Assistant's user-friendly interface allows for quick training of staff and students. IT administrators can confidently safeguard their institution's data while streamlining operations.

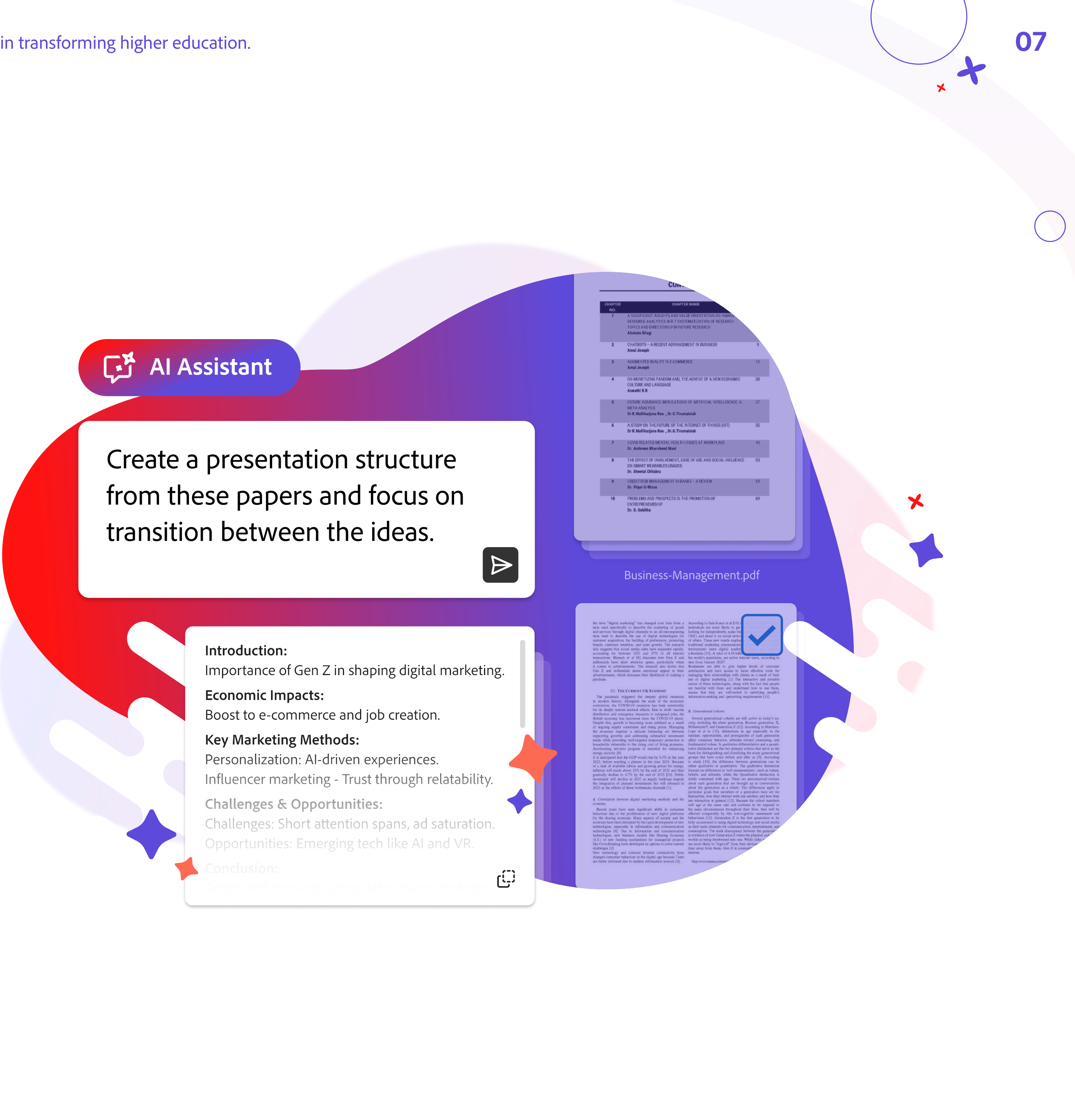
Educators and teaching assistants:

“How does AI help me save time and effort preparing my lessons?”

Acrobat AI Assistant can enhance lesson planning by providing structured, accurate insights tailored to the specific needs of higher education. For example, according to a recent report by Pfeiffer Consulting, tasks like summarizing research papers and compiling lecture notes could be accomplished 17% faster¹.

Similarly, tasks like preparing a summary of a textbook chapter, creating a presentation for a lecture, and writing an email to students about the key points could be accomplished significantly faster.

Using Acrobat AI Assistant, educators and teaching assistants can save time and energy and focus on what matters most: effective pedagogy and engaging with students.



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Create a presentation structure from these papers and focus on transition between the ideas.

- Introduction: Importance of Gen Z in shaping digital marketing.
- Economic Impacts: Boost to e-commerce and job creation.
- Key Marketing Methods: Personalization: AI-driven experiences. Influencer marketing - Trust through relatability.
- Challenges & Opportunities: Challenges: Short attention spans, ad saturation. Opportunities: Emerging tech like AI and VR.
- Conclusion: Adapt and innovate using data-driven strategies.

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2	CHATGPT - A RECENT ADVANCEMENT IN BUSINESS Anand Joseph	15
3	ADAPTIVE REALITY IN E-COMMERCE Anand Joseph	20
4	ON MONETIZING FANDOM AND THE ADVENT OF A NEW ECONOMIC CULTURE AND LANGUAGE Ananth K R	27
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6	A STUDY ON THE FUTURE OF THE INTERNET OF THINGS (IOT) Dr K. Mahalingam Rao, Dr. G. Tirumalash	41
7	COVID-RELATED MENTAL HEALTH ISSUES AT WORKPLACE Dr. Anshuman Kharsheed Wani	53
8	THE EFFECT OF INVOLVEMENT, EASE OF USE AND SOCIAL INFLUENCE ON SMART WEARABLES USAGE Dr. Sheetal Chhabra	59
9	CREDIT RISK MANAGEMENT IN BANKS - A REVIEW Dr. Vijay K. Misra	69
10	PROBLEMS AND PROSPECTS IN THE PROMOTION OF ENTREPRENEURSHIP Dr. S. Subbiah	

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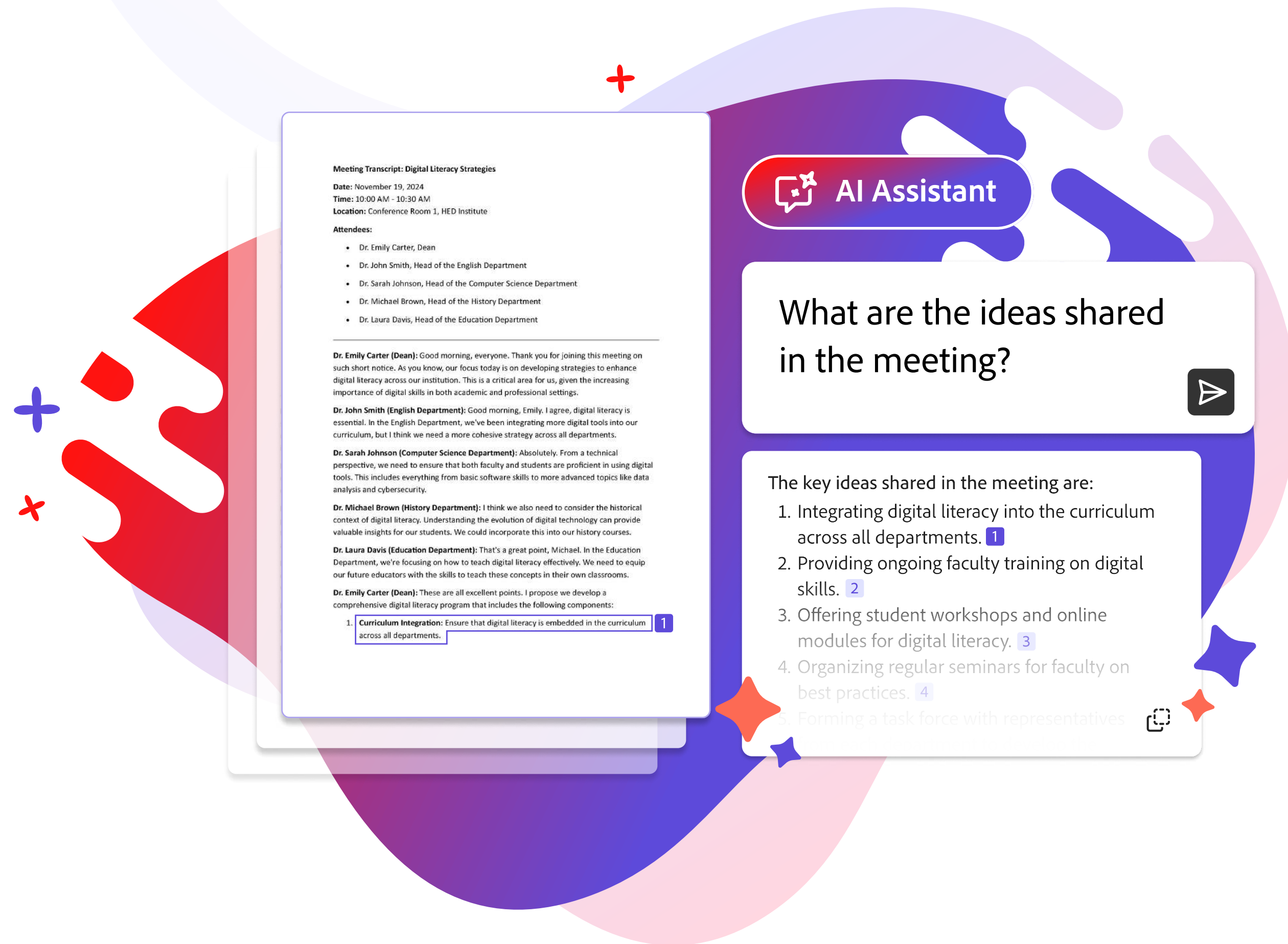
The term "digital marketing" has changed over time from a mere buzzword to a comprehensive strategy that encompasses all marketing efforts through digital channels to an all-encompassing term used to describe the use of digital technology for the customer acquisition, the building of preference, promoting brand, customer retention, and sales growth. The research also suggests that social media sales have expanded rapidly, according to the report [10], and 27% of all internet transactions. Mensch et al. [8] discuss how Gen Z and millennials have short attention spans, particularly when it comes to advertisements. The research also states that Gen Z and millennial share emotional appeal in their use of digital marketing [1]. The interactive and portable nature of these technologies, along with the fact that people are familiar with them and understand how to use them, means that they are well-suited for satisfying people's information-seeking and processing requirements [11].

According to Bain & Company et al [15], millennials are more likely to go looking for independently made for content and share it on social media. These new trends require traditional marketing companies to reinvent their digital marketing strategy. A study of 6,548 Millennials in the U.S. found that Millennials are more likely to go looking for independently made for content and share it on social media. These new trends require traditional marketing companies to reinvent their digital marketing strategy. A study of 6,548 Millennials in the U.S. found that Millennials are more likely to go looking for independently made for content and share it on social media. These new trends require traditional marketing companies to reinvent their digital marketing strategy.

Several generational cohorts are still active in today's marketplace, including the silent generation, Boomer generation, X, Millennials, and Generation Z [12]. According to Marlowe-Lane et al. [13], differences in the expectations for the market, opportunities, and prospects of each generation affect consumer behavior, attitudes toward consumer and fundamental values. A qualitative differentiation and segmentation analysis on the basis of the primary criteria that serve as the basis for distinguishing and classifying the many generational groups that have come before and after us [14]. According to study [15], the difference between generations can be either qualitative or quantitative. The qualitative distinction focuses on differences in "soft measurements," such as values, beliefs, and attitudes, while the quantitative distinction is about differences in "hard" data and quantifiable metrics about each generation that are brought up in conversations about the generation as a whole. The differences apply to particular goals that members of a generation have set for themselves, how they relate with one another, and how they use interactive in general [12]. Because the cohort members will age at the same rate, each cohort is expected to be the same throughout their lives. They will be affected differently by the socio-economic environment and behaviors [12]. Generation Z is the first generation to be fully accustomed to using digital technology and social media as their main channels for communicating, entertainment, and consumption. The stark difference between the generation of Gen Z and the previous generations is that Gen Z is more likely to "go offline" from their digital devices than any other generation. Gen Z is considered a "digital native" because they were born into a world where digital technology was already a part of their lives.

“Can Acrobat AI Assistant help streamline administrative tasks?”

Research shows that 90% of organizational data is unstructured², and institutions spend an average of 8 hours per week³ just looking for information. Staff can use Acrobat AI Assistant and focus on more complex, impactful tasks.



Marketing director:

“How can Generative AI help marketers create content better and faster?”

Acrobat AI Assistant can significantly enhance the efficiency and quality of content creation, enabling marketing directors to produce engaging promotional materials more quickly. For example, a marketing director might need to write an article to increase the visibility and engagement of their school. Traditionally, creating a blog post about a 3000-word research article could take almost 90 minutes. However, using Acrobat AI, this task can be completed in just 19 minutes⁴.

The time saved allows the marketing director to focus on additional campaigns, optimize outreach strategies, and engage with prospective students through various channels, ultimately boosting the institution’s visibility and appeal.

Student:

“How can AI help me study more effectively and manage my coursework?”

AI can create study guides, summarize readings, and provide personalized feedback, helping students learn and engage with coursework more efficiently. For example, students use Acrobat AI Assistant to generate summaries of their readings, highlighting key concepts and details. They can also create personalized study guides by compiling relevant notes and resources.

Additionally, students can chat with their documents to quickly find answers to specific questions and clarify complex topics. They might ask, “What are the key points of this chapter?” or “Can you explain this concept in simpler terms?” This enhances their studying and exam preparation, while retaining crucial elements of critical thinking and reading comprehension.

This time-saving aspect allows students to focus more on understanding the material and engaging in meaningful discussions with course staff and peers.

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What are the recommendations about AI usage in education from this report?

- The report recommends:
1. **Evidence:** Obtain independent evidence on AI's benefits and limitations. ¹
 2. **Training:** Provide AI training for educators. ²
 3. **Digital Divides:** Address inequalities in access to technology. ³
 4. **Data Security:** Ensure responsible data handling and teacher involvement in AI decisions. ⁴
 5. **Assessment:** Develop new assessment



Table 1: AI definitions

Definitions are not universally agreed, move at a fast pace and are intertwined.

Artificial Intelligence (AI)	The UK Government's 2022 policy paper on AI provides a definition of AI, AI systems or AI technologies as "products and services that are 'adaptable' and 'autonomous'". ¹ The adaptability of AI refers to AI systems, after being trained, often developing the ability to perform new ways of finding patterns and connections in data that are not directly envisioned by their human programmers. The autonomy of AI refers to some AI systems that can make decisions without the intent or ongoing control of a human (23,32).
Artificial Intelligence	Defined by the Alan Turing Institute as "an artificial intelligence system that generates text, images, audio or other media in response to a user's input".

Transforming higher education with Acrobat AI.

Case studies and creative scenarios across academic departments.



Building on the understanding of how Acrobat AI Assistant can benefit different personas, let's examine specific case studies and hypothetical scenarios.

These examples demonstrate the practical applications of the tool in various academic settings, showcasing its impact across different departments.

Business school:

Business school students work on lengthy financial reports or business case studies.

Students can quickly gain insights from extensive financial documents. Acrobat AI Assistant analyzes and compares data across different reports, highlighting key performance indicators and trends.

Students can chat with the documents to ask specific questions, such as “What are the main revenue drivers for this company?” or “How does this company’s financial health compare to its competitors?” Additionally, students can utilize business case studies to analyze marketing research papers and understand customer behavior, gaining practical insights and enhancing their learning experience.

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How does Generation Z's upbringing influence their marketing preferences?

Generation Z's upbringing with digital devices and social media makes them favor personalized and interactive marketing. ¹ They prefer social media marketing, influencer endorsements, and user-generated content. ² Authenticity and emotional appeal in ads are vital for them, and they are heavily influenced by peer reviews and recommendations online.

Generation Z's Digital Marketing in the Current UK Economy: A Case Study

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marketing strategies. This paper offers an analysis of current UK economic conditions to discuss the various of marketing tactics that businesses use. The many marketing strategies, like newspapers, billboards, advertising strategies, the social media marketing. This paper also discusses how personalization can increase lead generation for the company. Social media marketing, the second significant dimension, illustrates the exceptional ways of marketing through various social media platforms. Anjum et al [5] proposed that Marketers are concentrating on Generation Z because they believe that they are devoted consumers. He concludes that Facebook posts and Instagram stories are two excellent platforms for marketers to promote their goods. Dattaraj in [4] provided a structural model of digital marketing and purchase intention to quantify the effect of digital marketing on online purchase intention. Results indicated that online purchase intention was positively and significantly impacted by digital marketing. Kargin et al [6] suggested that Social media has become a powerful instrument for fostering and encouraging relationships between individuals, group of people and businesses to ascertain if organizations for products made by other users on social networking sites (like Facebook, blogs, and Twitter) can affect consumers' intentions to make a purchase. According to Margillaro et al [6], the most common method of communication for convincing customers to buy a product is online advertising. Also showing that Late Generation Z always values certain aspects of web ads. Further goes on to show some of these factors are the overall look and background significance of the company logo, the intimacy and informational value of an advertisement, clarity of the advertisement, and the insouciance of media platforms for making purchases of goods. Anjum et al [7] shows in the research that

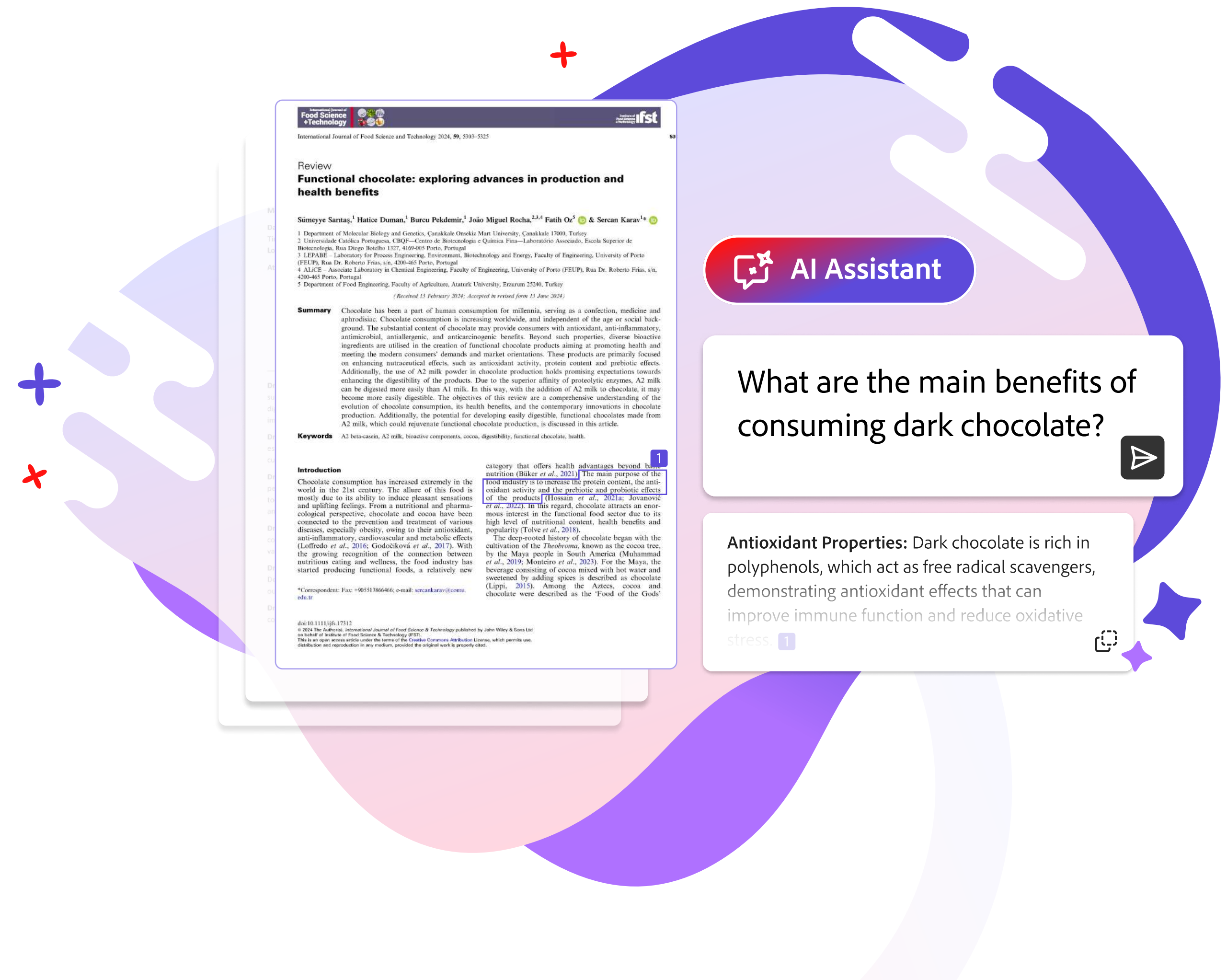
Science departments:

Science students and researchers handle a wide range of data and documents, including research papers, lab reports, and confidential project files.

With Acrobat AI Assistant, science departments can ensure that students and researchers work in a safe and secure environment. The tool can organize and analyze unstructured data, such as research papers and lab reports, while maintaining strict confidentiality protocols. Students can interact with the documents to ask specific questions like, “What are the key findings of this experiment?” or “How do these results compare to previous studies?” The tool will provide citations, allowing easy navigation to the specific section of the documents it collected insights from — allowing for quick verification and deeper analysis.

Additionally, the generative summary feature quickly summarizes complex documents, saving valuable time and enhancing the accuracy and depth of scientific research. The Pfeiffer study found that comparing findings and methodologies across multiple documents like research papers can take 3-4 hours. With Acrobat AI Assistant, this task can be completed in about 30 minutes, a significant time savings.

Knowing that their data and papers remain confidential and are not used to train language models, researchers can pursue their work with confidence.



Engineering schools:

Engineering students and faculty work on complex projects that require extensive documentation and technical reports.

Acrobat AI Assistant can revolutionize how engineering schools manage project documentation. By automating the organization and retrieval of technical reports and design specifications, Acrobat AI allows students to quickly access the information they need. They can ask questions like, “What are the key design parameters for this project?” or “How does this prototype compare to previous versions?” The tool will provide citations, allowing easy navigation to the specific sections of the document it collected insights from — allowing for quick verification and deeper analysis.

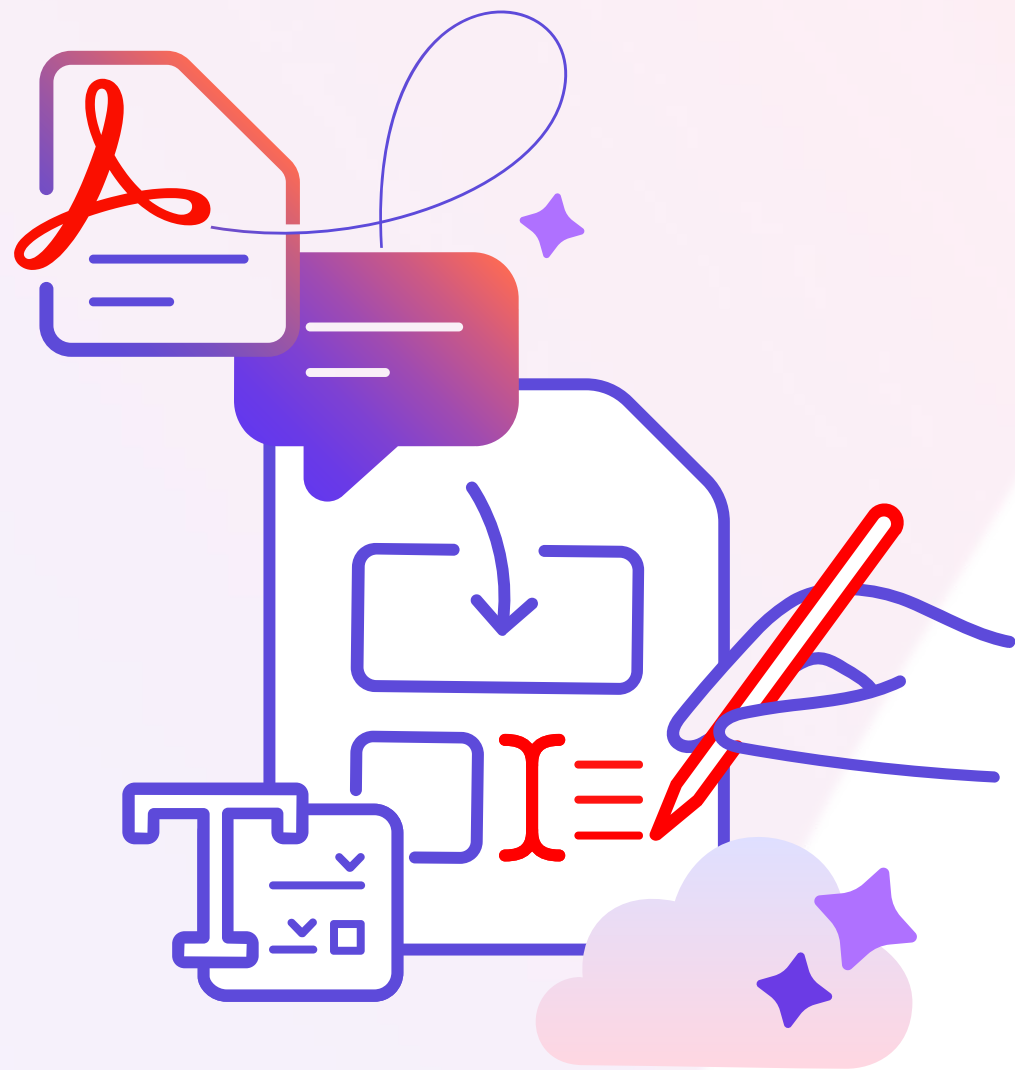
This capability not only streamlines project management but also enhances collaboration and innovation. The ability to easily navigate through complex documents reduces frustration and empowers students to focus on creative problem-solving, making their educational experience more fulfilling.

Law schools:

Law students and professors need to sift through large volumes of legal texts, case studies, and statutes.

In the secure and closed environment of a law school, Acrobat AI can be a game-changer. The AI can efficiently organize and index legal documents, making it easier to find relevant information. Students can ask questions like, “What are the main arguments in this case?” or “How does this ruling compare to similar cases?” The tool will provide citations, allowing easy navigation to the specific sections of the document it collected insights from — allowing for quick verification and deeper analysis.

This not only saves time but also enhances the quality of legal research and education.

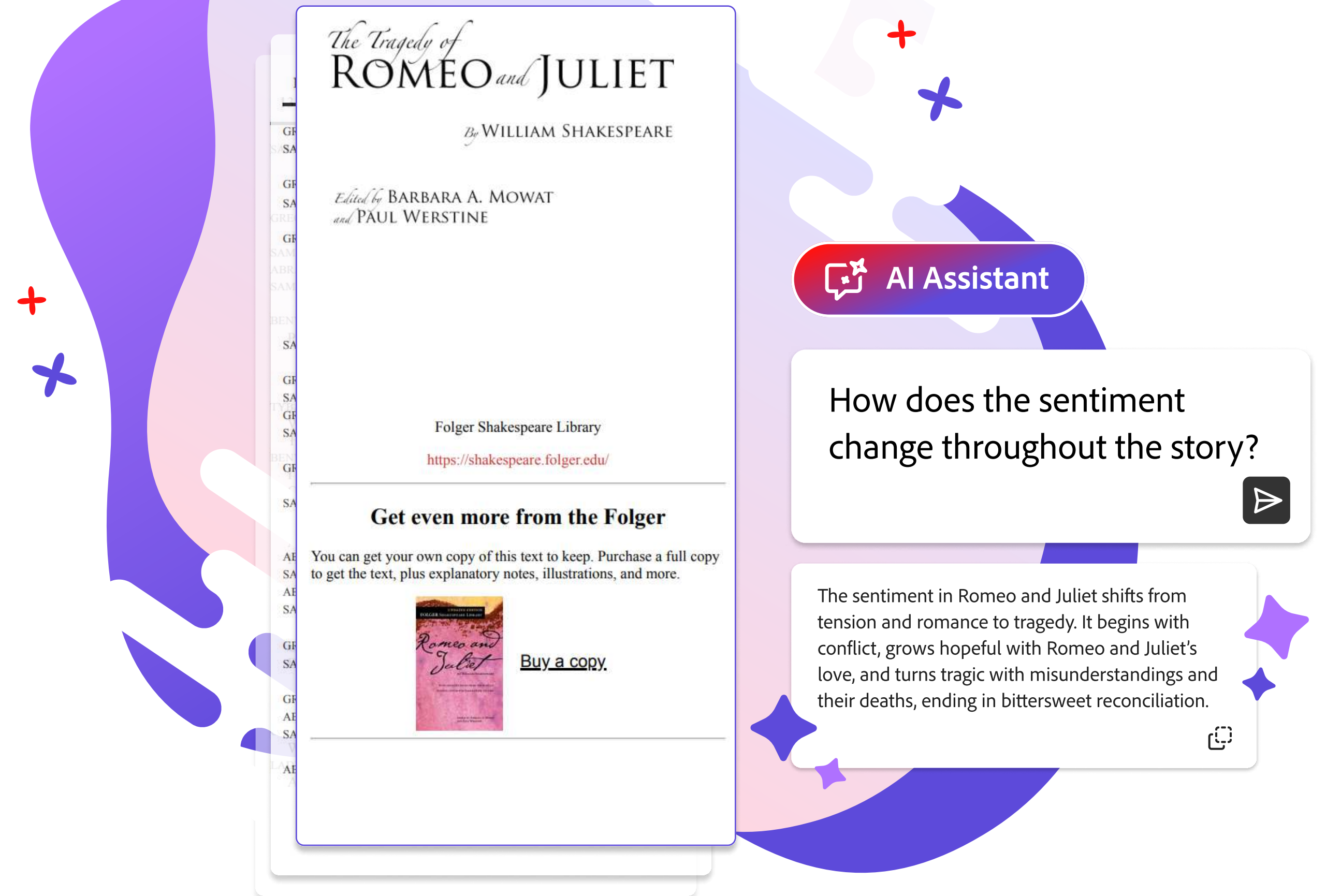


Language and literature departments

Language and literature students and faculty deal with a wide range of texts, from ancient manuscripts to modern literature.

Acrobat AI Assistant can transform the way language and literature departments analyze texts. By digitizing and providing tools for deeper literary analysis, the AI can extract keywords, perform sentiment analysis, and highlight significant passages. Students can ask questions like, “What are the main themes in this text?” or “How do the characters develop over the course of the narrative?” The generative summary feature quickly summarizes lengthy texts, enriching the educational experience by providing new insights into literary works and testing students’ critical thinking. The tool will provide citations, allowing easy navigation to the specific sections of the document it collected insights from — allowing for quick verification and deeper analysis.

These case studies and scenarios illustrate just some of the diverse ways in which Acrobat AI Assistant can enhance the educational experience across various departments. By automating routine tasks, ensuring data security, and providing personalized learning experiences, Acrobat AI addresses the specific needs of higher education institutions.



Our deep dive into Generative AI in higher education reveals its game-changing potential to boost efficiency, security, and educational quality.

Acrobat AI Assistant stands out as a powerful tool, ready to deliver these benefits to institutions around the globe.



Summary of key benefits and features

- 1. Faster time to insights:** Acrobat AI Assistant accelerates the process of gaining insights from long documents, including policy briefs, textbooks, class notes, and research papers. The Generative Summary feature allows campus staff, educators, and students to quickly understand key points, providing a starting point for deeper critical thinking and work outputs. Additionally, voice prompts on mobile devices enable learning on the go, making it easier to access information anytime, anywhere.
- 2. Writing made easy:** Acrobat AI Assistant suggests prompts to guide your analysis, clearing the way for human creativity and critical thinking. Whether drafting a report, presentation, or email, it quickly suggests language and key points. It reduces the time and effort required for repetitive tasks, enabling staff, educators, and students to focus on more critical goals.
- 3. Easy to use and deploy:** Integrated directly within Adobe Acrobat, AI Assistant provides users with instant access, facilitating fast time to value without having to leave the document or open a separate Internet browser. This seamless integration streamlines AI data governance efforts, making it easy for institutions to adopt and deploy.
- 4. Secure data privacy:** With Acrobat AI Assistant, your data remains yours. It does not utilize your data for training Large Language Models (LLMs), only accesses the documents you explicitly specify, and clears cached content after 12 hours. This ensures that you retain full control over your data, maintaining strict data privacy and security across campus.
- 5. Efficient content creation:** Chat with your documents to ask questions and get answers with references, boosting your understanding. This helps you create impactful content, whether it's departmental memos, marketing blogs, or study guides.
- 6. Comprehensive insights:** Generate insights and create impactful content based on a group of documents you select. Search for information across different file types and trust the insights with easy-to-navigate citations.
- 7. Enhanced meeting productivity:** Easily generate summaries of meetings, lectures, and discussions. Identify main topics, key points, and action items in an easy-to-digest format, improving meeting productivity and information retention.

Contact your Adobe reseller today to learn more about how we can support your institution's specific needs and help you maximize the benefits of Acrobat AI.