

Exploring the Impact of AI Tools in Microsoft PowerPoint

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Abstract : This study investigates how AI tools in Microsoft PowerPoint, such as Designer and Translation, might improve the process of creating presentations. Thanks to its sophisticated AI features, PowerPoint has become a powerful tool for effectively creating high-quality presentations. Designed to maximize user experience, key features include multilingual translation, real-time collaboration, and design ideas. A mixed-method approach was used, combining hands-on demos of particular AI technologies with a questionnaire given to both inexperienced and seasoned users. The survey examined how often individuals used these features, how helpful they thought they were, and how much time they could save. The results show that although tools like Designer are not widely used, they are recognized for improving aesthetics and saving time. The accuracy and usefulness of translation technologies in multilingual environments received high ratings, emphasizing how they promote inclusive communication. The importance of incorporating AI into productivity software is highlighted by this study, opening the door to more approachable, effective, and captivating presentation workflows.

Keywords : Microsoft PowerPoint, AI features, designer, translation, presentation tools, NLP

Conference Title : ICAIIT 2024 : International Conference on Artificial Intelligence and Information Technology

Conference Location : Cairo, Egypt

Conference Dates : December 16-17, 2024