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Guided Drawing: A Cost-Effective and Scalable Method for Understanding Children's Psychology and its Integration with AI for Improved Mental Health Care

This project aims to improve children's mental health care through a new methodology called "Guided drawing." This innovative approach utilizes predetermined shapes with psychological meanings to uncover important aspects of children's personalities in a safe and comfortable environment. Guided drawing has the potential to be a cost-effective and scalable method for analyzing a vast number of children's drawings, making it an ideal solution for improving mental health care for children between the ages of 6-11 years old.

By incorporating artificial intelligence (AI) technology, the potential benefits of guided drawing can be amplified. AI can analyze and interpret the data collected from the guided drawing methodology, providing more comprehensive insights into children's mental health. This can enable healthcare professionals to identify and address psychological issues in children at an early stage, leading to better treatment outcomes and long-term mental health benefits. Overall, the integration of AI with guided drawing has the potential to revolutionize mental health care for children, making it more accessible and effective for all.

Keywords: Guided drawing, AI technology, Psychological Assessment, Children, Mental Health Care, Early Identification

Biography:

Miss. Dania Mubiden is a Founder and Head of research at Drawit, She deeply passionate about creating high-quality products that positively impact people's lives. With a technical background and an interest in the psychology of children, She led the development of a tool that uses guided drawing and AI to provide cost-effective and scalable psychological assessments for children and her work has earned recognition from organizations such as the American Psychological Association, Intel ISEF, and MITEF Arab Startup Competition, and she has driven to continue making a difference in the field of mental health care for children. Alongside her work at Drawit, She is also a second-year student, studying Artificial Intelligence