

AI FOR MENTAL HEALTH.

Mental illness diagnosis plays a critical role in early intervention and effective treatment. This paper explores the potential of Artificial Intelligence (AI) as a tool to aid in the diagnosis of mental health conditions. By leveraging machine learning algorithms and advanced data analytics, AI systems can analyze diverse datasets, including patient behavior, speech patterns, and physiological markers, to identify patterns indicative of mental health disorders. The paper discusses various AI techniques and their application in mental health diagnosis. Additionally, it highlights the advantages of using AI, such as increased accuracy, efficiency, and scalability. The results demonstrate the promise of AI as a supplementary diagnostic tool in the mental health domain, emphasizing the need for further research and integration of AI-driven solutions in clinical practice.