

- **Problem Statement:** Despite increasing awareness, a significant portion of the global population lacks access to adequate mental health support, hindering progress towards achieving the UN's 3rd Sustainable Development Goal (SDG) of ensuring good health and well-being for all.

- **Solution:** Leveraging AI technology, specifically generative chatbots, to provide accessible and personalized mental health support, particularly in areas with scarce resources.

- **Project Objective:** Develop a generative AI chatbot functioning as a virtual psychologist, offering tailored solutions and support to individuals experiencing mental health challenges.

- **Key Objectives:**

- Design and develop a generative AI chatbot with natural language processing capabilities.
- Incorporate diverse datasets related to psychology, therapy, and mental health resources.
- Implement machine learning algorithms for personalized solutions.
- Ensure adherence to ethical guidelines and user privacy.
- Evaluate effectiveness through user feedback and monitoring of mental health outcomes, focusing on underserved populations.

- **Impact:** By addressing the mental health crisis with an AI-powered chatbot, the project aims to contribute towards achieving the SDG of promoting good health and well-being for all, providing accessible and effective support to those in need.