# Sustainability Assistant

The project follows methodology of Science Based Targets. Several resources like white papers, reports, best practice guides were leveraged in the project. This enabled the project team to decide on approach, best practices, and methodology. It is very beneficial to make this wealth of knowledge made available to the users of the asset.

A conversational interface is built leveraging GenAI model (IBM watsonx.ai Granite Version 2) which answer queries of the user and act as a companion for the project guidance. For example, the user may want to ask questions regarding GHG emission, GHG targeting setting or any question regarding the Science based project.

Sustainability Assistant is built using Python and Streamlit (web application framework). This leverages a popular GenAI pattern called as Retrieval Augmented Generation.