

Project Design Phase-I

Proposed Solution Template

Date	06 May 2023
Team ID	NM2023TMID17607
Project Name	Cancer Mortality & Incidence rates classification using ML

Proposed Solution Template:

Project team shall fill the following information in the proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Cancer is a leading cause of death worldwide, and understanding the factors that contribute to cancer mortality and incidence rates is crucial for effective prevention and intervention strategies.
2.	Idea / Solution description	This project aims to develop a machine learning model that can classify different regions or populations based on their cancer mortality and incidence rates.
3.	Novelty / Uniqueness	The integration of machine learning techniques, comprehensive feature sets, customization of classification categories, consideration of temporal aspects, and adaptability to evolving knowledge and data collection methods.
4.	Social Impact / Customer Satisfaction	Improved Cancer Prevention Strategies High-risk regions can receive increased support It will also predict the future mortality rates of the disease.
5.	Business Model (Revenue Model)	Software/Application Development Data Acquisition Collaboration and Partnerships
6.	Scalability of the Solution	The type of machine learning model used, the infrastructure used to deploy the model, and the human resources required to maintain it.