

Data Collection and Preprocessing Phase

Date	29 November 2024
Team ID	740108
Project Title	Unveiling Climate Change Dynamics Through Earth Surface Temperature Analysis.
Maximum Marks	2 Marks

Data Collection Plan & Raw Data Sources Identification Template

Elevate your data strategy with the Data Collection plan and the Raw Data Sources report, ensuring meticulous data curation and integrity for informed decision-making in every analysis and decision-making endeavor.

Data Collection Plan Template

Section	Description
Project Overview	This project aims to analyze historical temperature data to understand the dynamics of climate change, identify trends, and forecast future temperature patterns.
Data Collection Plan	The dataset will be collected from Kaggle, sourced from global temperature records provided by NASA, NOAA, and other climate research organizations.
Raw Data Sources Identified	The primary raw data source is the "GlobalTemperatures.csv" dataset from Kaggle, which contains historical temperature data from various global locations, spanning several decades.

Raw Data Sources Template

Source Name	Description	Location/URL	Format	Size	Access Permissions
Dataset 1	Historical global temperature data for climate change analysis, including data on land average temperatures over several decades.	https://data.world/datasociety/globalclimate-changedata	CSV	83MB	Public