TN Marginal Workers Assessment

Phase 1: PROBLEM DEFINITION AND DESIGN THINKING

AIM:
To understand the problem and show the objectives and procedure of this project.

Definition:
The project involves analyzing the demographic characteristics of marginal workers in Tamil Nadu based on their age, industrial category, and sex. The objective is to perform a socioeconomic analysis and create visualizations to represent the distribution of marginal workers across different categories. This project includes defining objectives, designing the analysis approach, selecting appropriate visualization types, and performing the analysis using Python and data visualization libraries.

Analysis Objectives:
The main objective of this project is to show the data in this given XL or CSV file**.**

Data Collection:
- **Sources:** The data has been collected from the kaggle dataset from the past 10 years of stock prices in certain years.

Visualisation Strategy:
- **Data Format:**
  .csv: Comma Space delimited file
- **Data content type:**
  Table code, State Code, District column, Age group, workers male and females.
- **Data Length:**
  70 columns with 595 dataset

Code Integration:
We are going to write a code for analysing a csv file

Software platform used: Visual Studio code (or) Python 3.11
Operations: Data Visualization, Data Cleansing, Deleting Duplicates
Programs used: HTML,CSS, JavaScript, MySQL, Python

Data link or file:
Data:
https://tn.data.gov.in/resource/marginal-workers-classified-age-industrial-category-and-sex-scheduled-caste-2011-tamil