TN Marginal Workers Assessment

**Phase 3: Development Part 1**

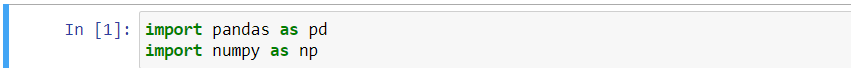
In this part you will begin building your project by loading and pre-processing the dataset.

Start the data analysis by loading and pre-processing the dataset.

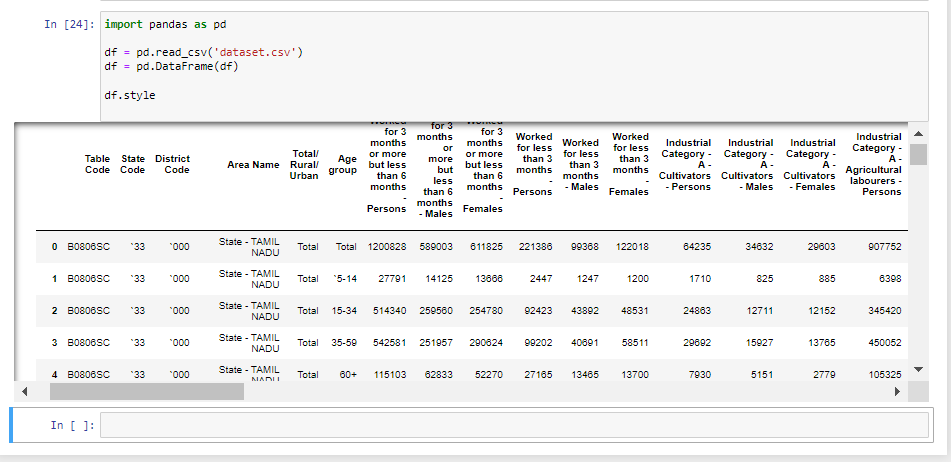
Load the dataset using Python and data manipulation libraries (e.g., pandas).

The initial focus is on loading and pre-processing the dataset. Utilizing Python and libraries like pandas, the dataset is loaded into a Data Frame for efficient analysis. This foundational step ensures data readiness for subsequent processing. By employing pandas functions, the team gains insights into the dataset's structure, addresses missing values, and transforms categorical variables into numerical forms, enhancing the dataset's quality and setting the stage for in-depth analysis. Effective pre-processing establishes a reliable foundation, enabling the project to move forward with meaningful data exploration and modelling.

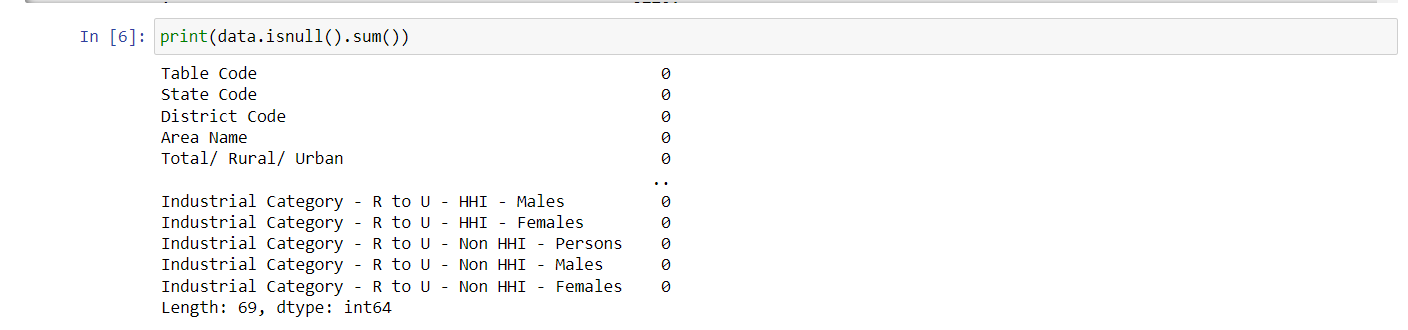
To load and pre-process the dataset, follow these steps:

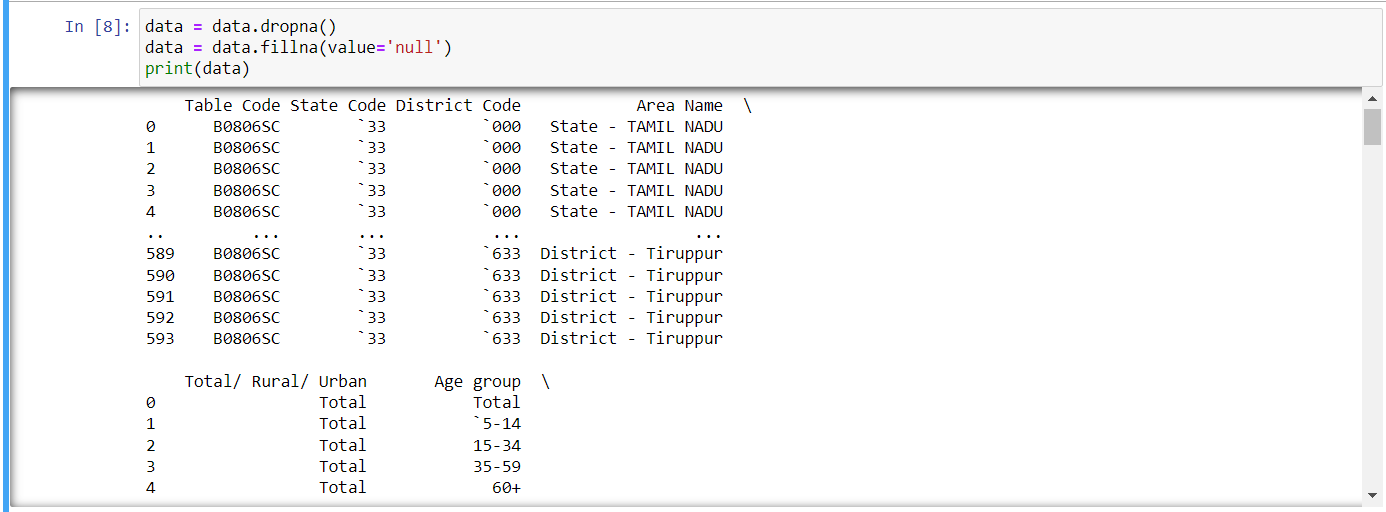
1. First, import the necessary libraries.

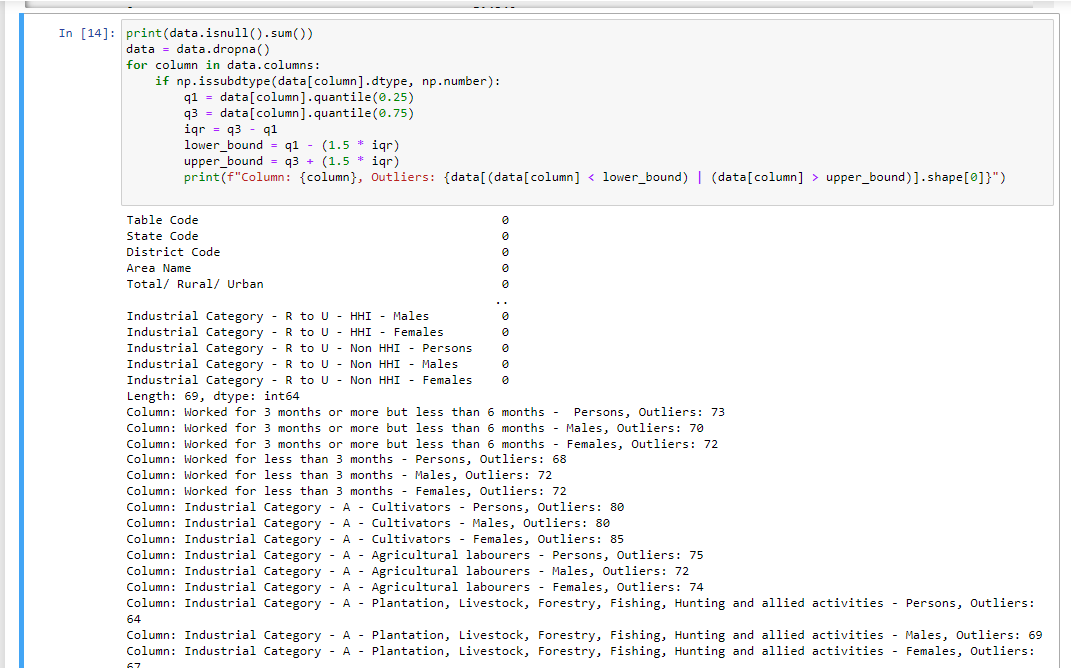
2. Load the dataset.

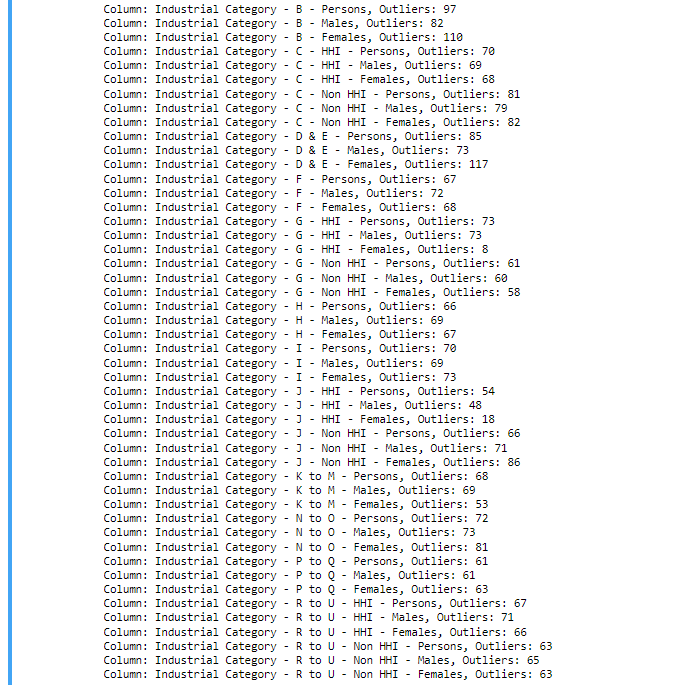


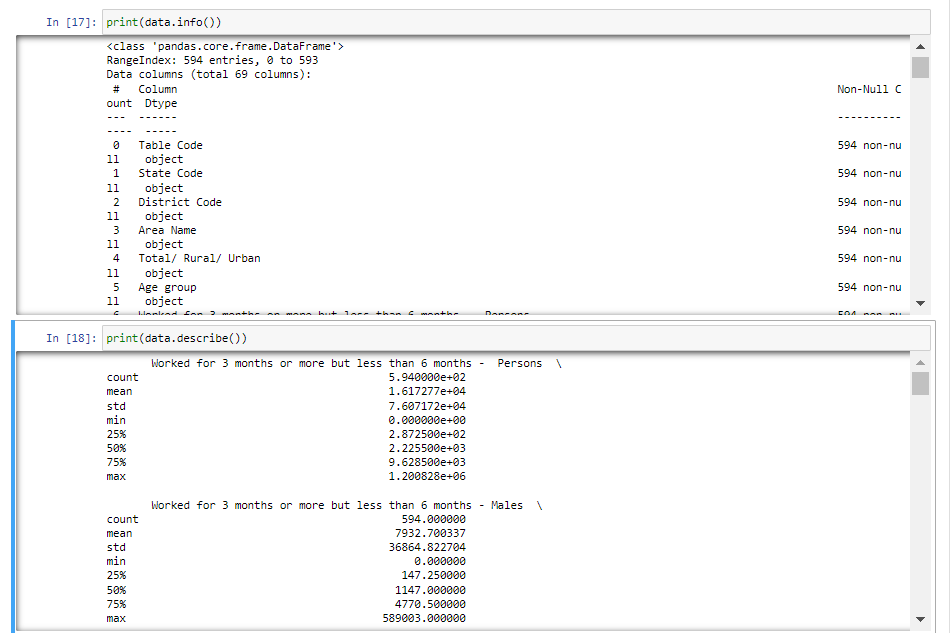
3. Pre-process the dataset by checking for missing values and outliers.









4. Describe and information about the dataset

CONCLUSION:

In phase 3 development part 1 of the TN marginal workers assessment project the focus is on data readiness python and pandas are utilized to import and pre-process the dataset laying a robust foundation for analysis through careful steps such as handling missing data and transforming variables the dataset s quality and consistency are ensured this meticulous preparation not only enhances the dataset s integrity but also forms the basis for accurate analyses and meaningful insights by employing data manipulation techniques the project initiates a rigorous approach affirming the reliability of subsequent findings and conclusions regarding Tamil Nadu s marginal workers