

# **Industrial Human Resource Geo-Visualization**

**Technologies   EDA, Visualization, NLP**

# Introduction

## Problem Statement

1."In India, the industrial classification of the workforce is crucial to understand labor distribution across sectors."

2."Current data on main and marginal workers is outdated and may not reflect the current state of the workforce."

3."The aim of this study is to provide accurate data for policy making and employment planning."

# Objective

Objective: Update industrial classification of main and marginal workers based on sex and section, division, and class."

"Significance: Accurate data on workforce classification helps in making informed policy decisions and employment planning."

# Tools

1.streamlit

2.python

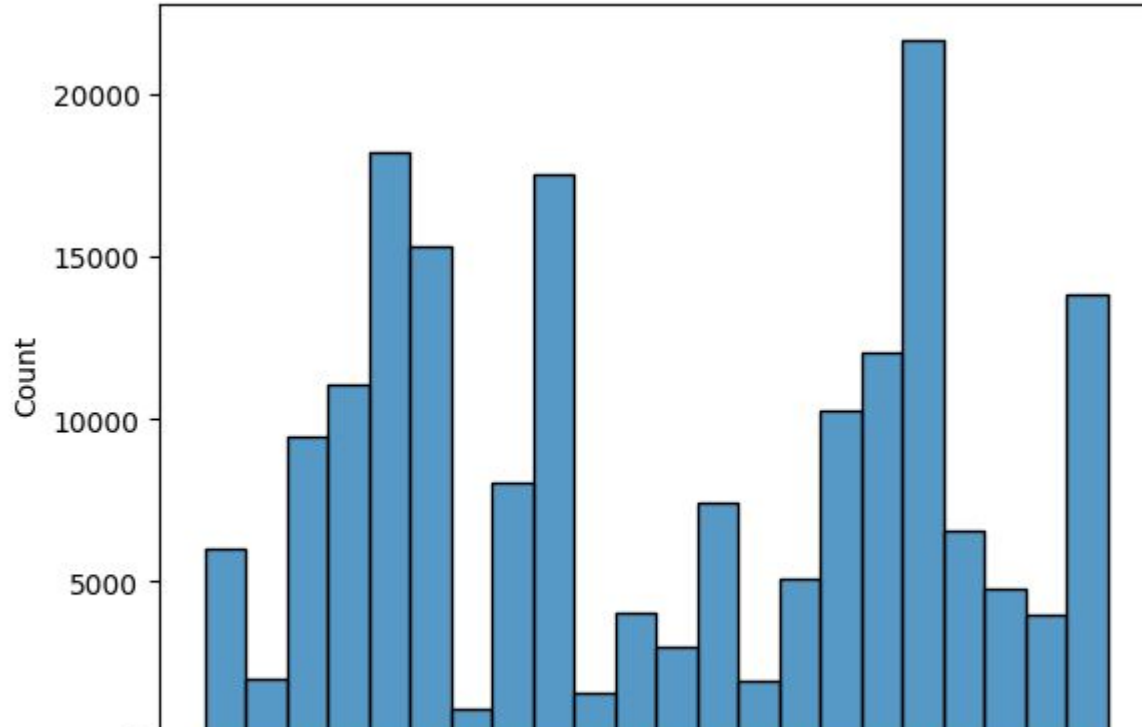
3.pandas

4.matplotlib

5.folium

# Dataset Overview

Number of Rows :184948 Number of Columns:24



## EDA-Exploratory Data Analysis

1.describe the data

2.information about the dataset

3.check the nunique

4.check the isnull and sum

5.duplicated

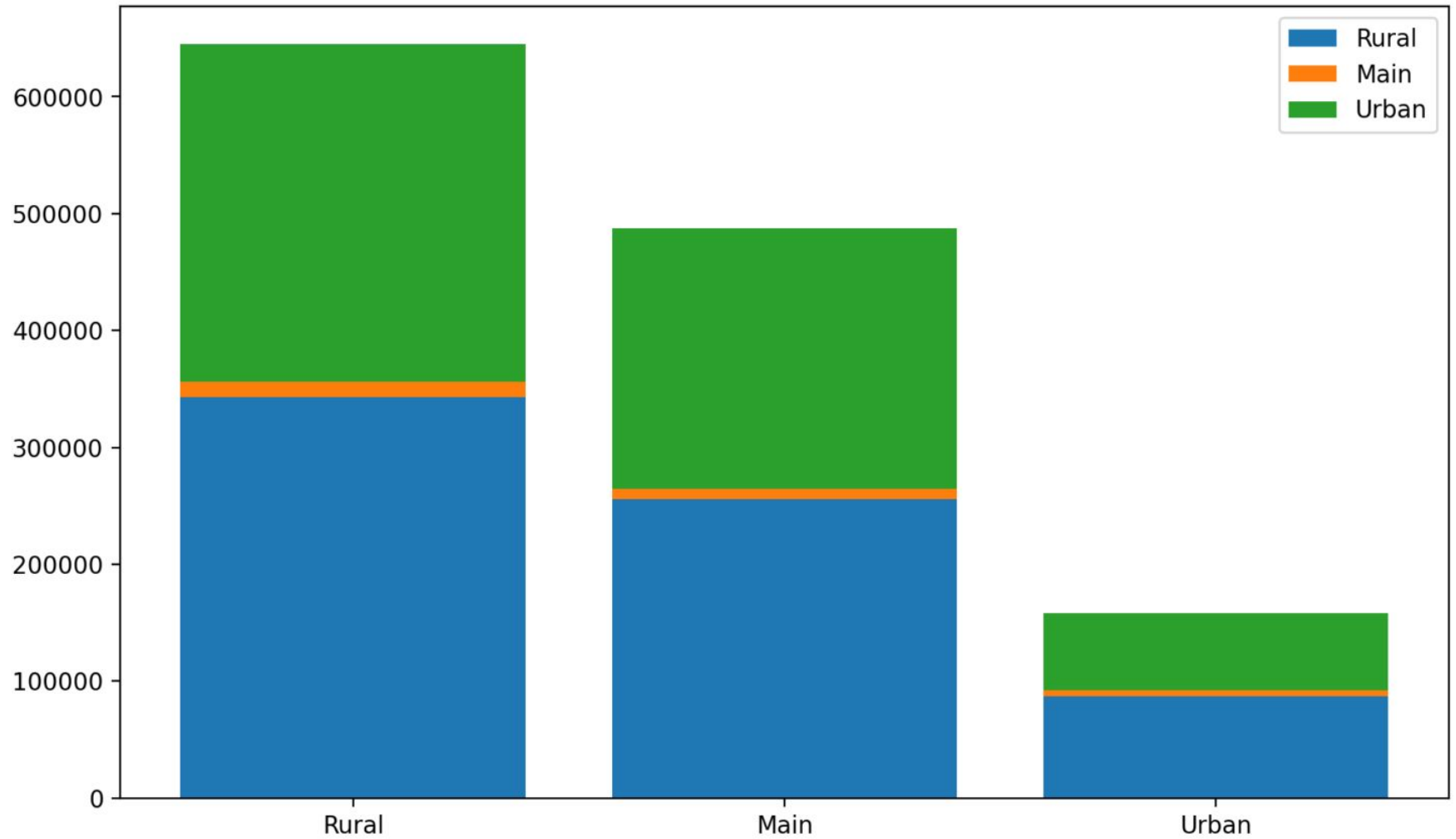
6.**outliers detection**

## NLP Analysis

1.Main workers Marginal workers different and Rural and Urban workers

2.various NICName sectors

- ARUNACHAL PRADESH - - Ahmadabad - Workers Distribution





- ARUNACHAL PRADESH - - Ahmadabad - Rural Marginal Workers Distribution

S1

