TechTrunk Ventures

Pvt. Ltd

Project On:
WOMEN POPULATION IN INDIA

GUIDED BY: ARYAMAN

SUBMITTED BY: BHOSALE DHANASHRI SAMBHAJI

INTRODUCTION:

The project is build on the data of womens population in various states in india . India has more women than men for the first time on record, according to government data that also showed a slowing birthrate in the worlds second-most population nation .

But the latest national family and health survey, released by the health minstry on Wednesday , recorded 1,020 women per 1,000 men after two years of research . In this project we analysis this data on women population of india .

OBJECTIVES:

To study the Women population rate in India from 2011 to 2021.

DESCRIPTION:

The project is based on the State wise study of data of women population from 2011 to 2021. Generally, the data shows the total population of women in different States of six years as follows: 2011,2013,2015,2017,2019,2021.
In this project firstly the data of womens population is collected in the form of Microsoft Excel Spreadsheets.

The Python Programming Language is Used throughout the project. Because of its In-built libraries it is easier to plot the graphs.

Generally, 4 Libraries of Python are used:

1)**NumPy:** In Python we have lists that serve the purpose of arrays, but they are slow to process. NumPy aims to provide an array object that is up to 50x faster than traditional Python lists.

2)**Pandas:** Pandas makes it simple to do many of the time consuming, repetitive tasks associated with working with data, including Data cleansing, Data fill, Data normalization.

3)**Seaborn**: Seaborn is a library that uses Matplotlib underneath to plot graphs. It will be used to visualize random distributions.

4)**Matplotlib**: Matplotlib is a cross-platform, data visualization and graphical plotting library for Python and its numerical extension NumPy.

CONCLUSION:

We have studied the State wise women population in India. And here we have found that:

• The Rate of women population is High in following States:
1. UTTAR PRADESH
2. MAHARASHTRA
3. BIHAR
4. WEST BANGAL
5. ANDHRA PRADESH
6. MADHYA PRADESH
7. TAMIL NADU

• The Rate of women population is Intermediate in following States:

1. RAJASTHAN
2. KARNATAKA
3. GUJARAT
4. ODISHA
5. KERALA
6. JHARKHAND
7. ASSAM
8. PUNJAB

• The Rate of women population is Least in following States:
1. HARYANA
2. CHHATTISGARH
3. JAMMU AND KASHMIR
4. UTTARAKHAND
5. HIMACHAL PRADESH
6. TRIPURA
7. MEGHALAYA
8. MANIPUR
9. NAGAILAND