

## Us-census-demographic-data

**Story link:** [us-census-demographic-data story:](#)

### **A. Demographic Data dashboard:**

This dashboard consists of 3 visualization worksheet as following:

#### **1. Total population by state**

**Summary:** This worksheet shows the population distribution in each state in USA.

**Design:** in this visualization, I've used map with color scale to show clearly the most crowded states with darker shade and the least crowded states with lighter shade, I also have showed the number of population for the most and least crowded states on the map.

#### **2. Gender distribution by state**

**Summary:** This worksheet shows the population distribution in each state in USA by gender, we can find that number of women is a little larger than number of men in total USA population and also in each state.

**Design:** in this visualization, I've used a pie chart to compare population of women to population of men; I added filtering levels so we can see the comparison by, state.

### 3. Origin distribution by state

**Summary:** This worksheet shows the population distribution in each state in USA by race, we can find that number of white population is the largest followed by Hispanic and the smallest race population is pacific.

**Design:** in this visualization, I've used a horizontal bar chart to compare population of each origin in each state; I added filtering levels so we can see the comparison either by country, state and county.

**Resources:** NA

## B. Work and services Data Dashboard:

This dashboard consists of 3 visualization worksheet as following:

### 1. Work environment

**Summary:** This worksheet shows the population work environment distribution by country and state.

**Design:** in this visualization, I've used bar chart, I added filtering levels so we can see the comparison either by country, state and county.

## 2. Work type:

**Summary:** This worksheet shows the population work type distribution by country and state.

**Design:** in this visualization, I've used bar chart; I added filtering levels so we can see the comparison either by country, state and county.

## 3. Transportation

**Summary:** This worksheet shows the population work environment distribution by country and state.

**Design:** in this visualization, I've used bar chart, I added filtering levels so we can see the comparison either by country, state and county.

**Resources:** NA

All charts using a color blind friendly pallet

