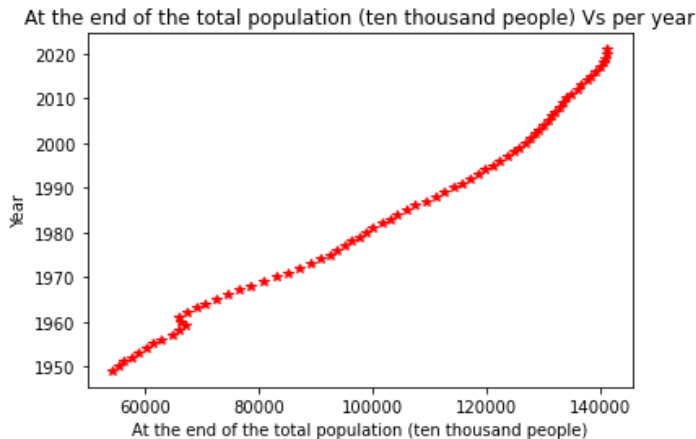


Analysis of Population in china 1949-2021

China remains the highest country for its manpower and population. Here we assume a population dataset containing various information regarding population through the years 1949-2021.

For each year, the data includes: the total population at the end mentioned in a small count, total male population, total female population, total urban population, total rural population. The period of data is from the year 1949 to 2021. An immense analysis is conducted regarding the data and the most exclusive findings are detailed by follows.



The graph is marked as the total population at the X-axis and the year marked in the Y-axis. The slope is gradually increasing because the population is getting higher and higher going through the years. Here we can see the population in 1949 is less than sixty thousand as it steadily increased to a range of one forty thousand by the year 2021. The successive expansion through this small span of period made China having the biggest populated country in the world.

The sex ratio is an essential element for studying one's population. The dominance of one over the other plays an important role in the statistical change in a population drasting over the years. Here the total male population is dominant over the total female population. Thus the amount of increase in the population of totale females per year is less as compared to the males.

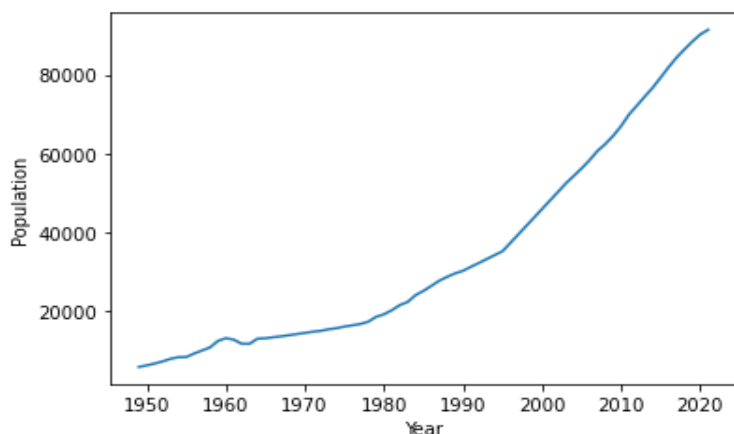
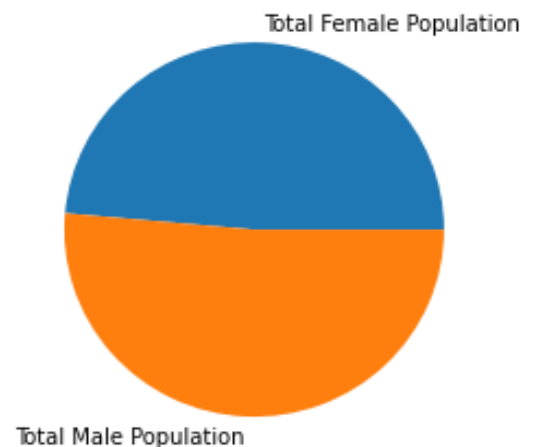


Fig 1.1

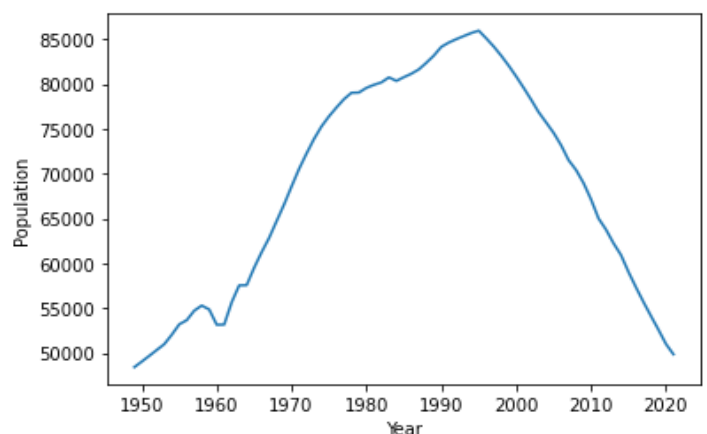
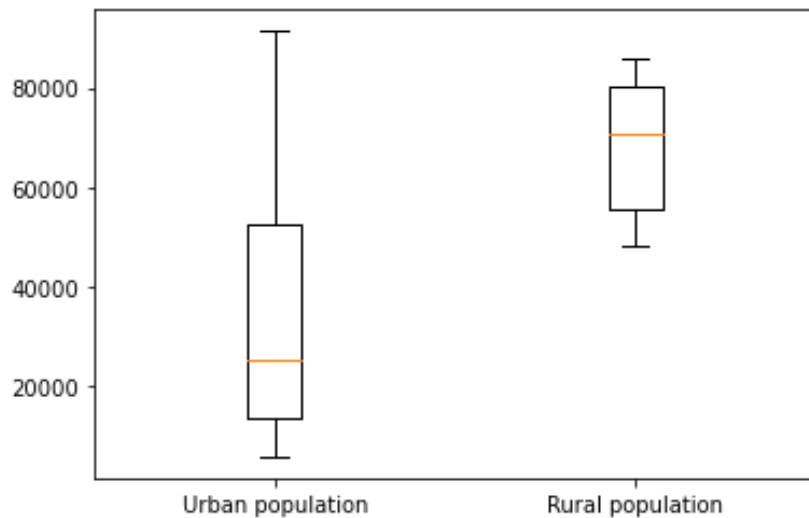


Fig 1.2

The Fig 1.1 shows the change in population in an urban area from 1949 to 2021. The graph clearly shows how the lives in city or town changed as the time flies. The Fig 1.2 potraits how the population in the rural areas changed with increase in years. Here the population is gradually increased upto the mid 90s and has begun to decreased. The graph plotted by rural and urban areas is entirely different. The population in urban or city areas is progressively enlarged as compared to the rural or country areas.



The above graph is a box plot which also indicates the rural and urban population.

In conclusion, the population in china is increased or increasing time after time. The male population is more dominant over female population. The population in urban areas is increasing year after year whereas population in rural areas kept decreasing after a measurable increase.