

United Kingdom Technology Explosion



Introduction

The United Kingdom is located in the west of Europe and south of Scotland. United Kingdom history is full of culture and history that everyone loves to hear and study. Most of the year the weather is cold but it has its dark side. Currently, its population is around 67.22 Million which is quite near to France. The United Kingdom is ahead in many terms but especially in technology, it is far ahead of many other countries. Today we are going to see the trends related to population, mobile users, and new business registered in the United Kingdom starting from the 1980s till the year 2020.

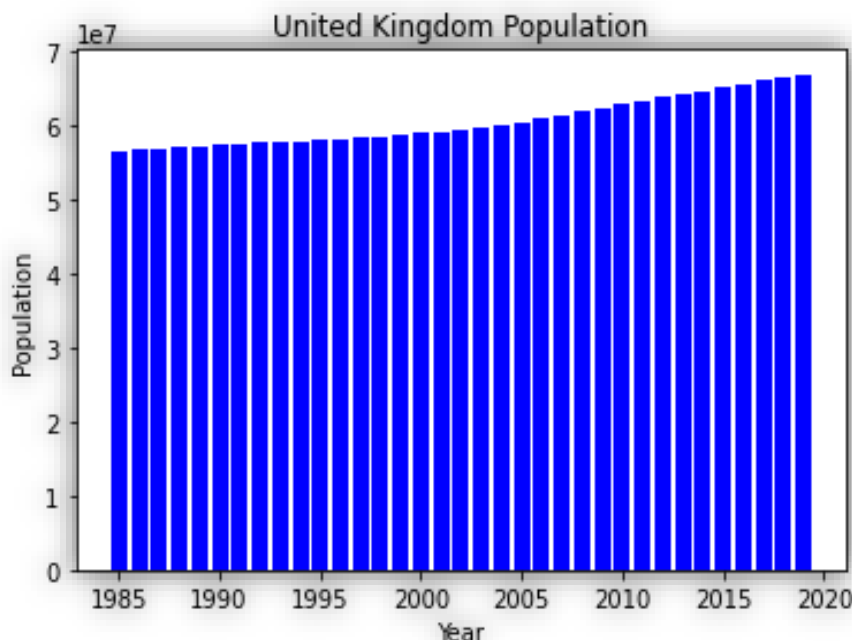


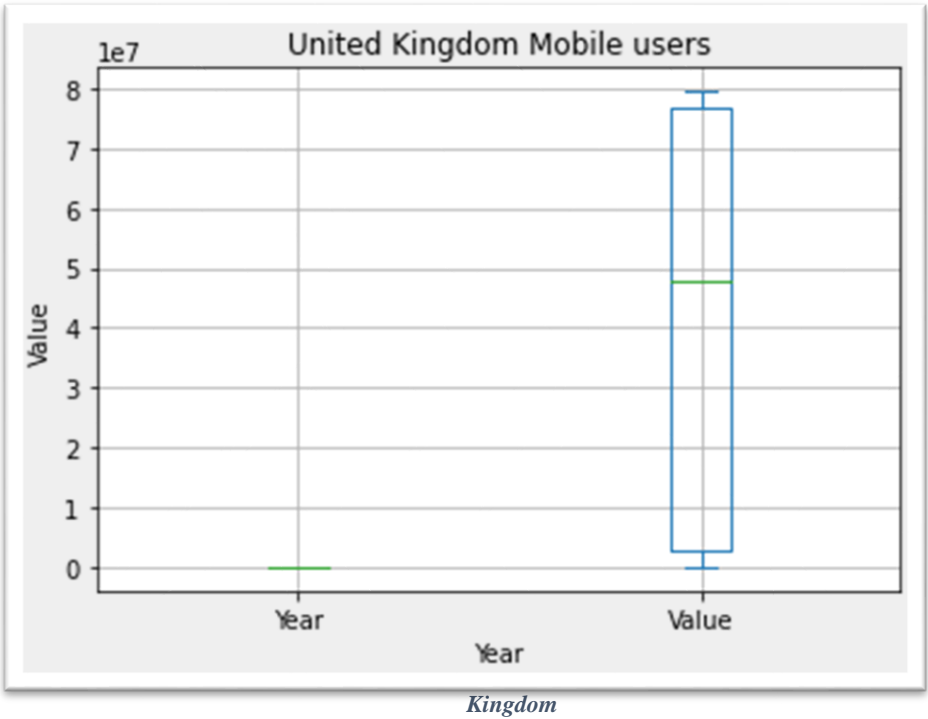
Figure 1: Population trend

Starting from the 1980s the population of the United Kingdom was approximately equal to 55 Million. In figure 1, it can be seen that the population trend is not explosive. By calling a basic function $population(s1)$, this chart is produced in the form of a histogram. In visualization marks and channels are very important aspects. In the histogram, marks are the straight vertical bars and channels are the height of these bars. In the year 2005, it approximately touched 60 Million. So it means that in the past 15 years it has increased 9%. In the year 2020, the population is around

67 Million so it means that in the next 15 years the population increased at the rate of 11%. It is a 2% increase when we compare both eras. Many experts have predicted that the population will increase at an increased rate when compared to the previous eras. Ian's increase in population demands more facilities which government has to give to its people. So when there is no increase in tax coming from the people, the government fails to provide basic facilities to its people. This drop-in tax can be covered through the use of technology. The population has a very strong relationship with technology because use more the population, the more it is difficult for the people to adapt to it. Surprise singly, people of averted Kingdom has good adaption 1980s in the late 1980s when the mobile phone technology was introduced all over the world. People of the United Kingdom are very fast at adopting new things due to their high purchasing power. The number of mobile phone users can be seen in figure 2. At the start of the 1980s when the technology was introduced people were not familiar with it and most people were comfortable with using wired telephones. Wireless telephones changed the whole industry including the industry of the United Kingdom. When a technology is introduced it brings many pros and cons with it. Technology has a direct relation with the economy of the country. In the start when the



mobile phone was introduced very less people bought it and used it in their daily lives as you can see in figure 2. But in the year 2000, the users almost got doubled and the increasing slope became too steep. One more surprising fact can be concluded by comparing figures 1 & 2 that mobile users are ahead of the population. It means that people became so used to it that they started to use more than one mobile phone. Figure 2 is also using the histogram in which year is on the y-axis and the number of mobile phone users can be seen on the y-axis. Here mark is still the same as are bars but the channel is changed a little bit. The green color is used to differentiate it from the previous figure



people now in 2012 to do business on their mobile phones because now they have become smartphones. After 2012 there is growth in the new business registered in the United Kingdom and it can be seen in figure 3 also.

Figure 3: New business registered in United Kingdom

Conclusion



The United Kingdom is a great country and technology is evolving day by day. A high increase in population is alarming since it is difficult for the government to provide basic facilities to its people. Secondly, people of the United Kingdom are adaptive to technology. Thirdly it can be concluded that new technology supports businesses.