DATA VISUALIZATION OF ADDICTED POPULATION OF PEOPLE TOWARDS BAD HABITS THROUGHOUT THE WORLD

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*Abstract :*This document refers to the content of information about the Addicted Population of people towards Bad Habits throughout the world. This is done using the Tableau Software. Habits play an important role in our health. The most dangerous habits are those which are obtained at an immature age and in order to get rid of those habits people are not capable enough to face it. Such bad habits include Alcohol consumption, Smoking, Drugs, Cannabis, etc… The main aim of this study is to realize the consequences to the people that may lead to severe deaths by consumption of various addictions.

IndexTerms - Data visualization, Alcohol, Drugs, Smoking, Cannabis

I. INTRODUCTION

We all know that everything that is excess is very dangerous. It is well said that alcohol, tobacco, drugs usage can be injurious to health. Tobacco, Alcohol, Drug, use are life changing factors that associate with poorer health issues, reduced mental capacity, and a shortened lifespan. These addictions of drugs, alcohol and more exhaust the finances in a person and ends up in a worst situation. It also disturbs their studies or their work life. This has to be taken very seriously and spread awareness in every people's life.

II. PROPOSED SYSTEMS

This study provides the total count of addicted people in each country all over the world including India based on gender, percentage of death rates and suicides. Through this application the government can go through the data presented visually and can take some strict actions in some of the specified countries where the percentage of these addiction is high. The government can also control the suicide rates due to unavailability of drugs and arrange more rehabilitation centers in the specified areas. So, that this can be controlled.

III. TECHNOLOGIES USED

Microsoft Excel: Microsoft Excel is the most efficient tool. It is a spreadsheet program used for analysis, Data management, finance, complex calculations and to record and analyze numerical and statistical data. Microsoft Excel is compatible with multiple OS like windows, macOS, Android and iOS. It provides multiple features to perform various operations like pivot tables, graph tools, macro programming, etc. Excel is widely used for data analysis owing to the excellent data visualization features. The data visualization capability of Excel allows building insightful visualizations.

Tableau Software: Tableau software is a powerful Data visualization tool used in the Business Intelligence Industry. Tableau allows exploring excel data using its drag and drop feature. Tableau formats the data in Graphs, pie charts, maps, pictures that are easily understandable.

Files: After Data Analysis Tableau Output can be saved in different formats. You can save your work using different Tableau specific file types such as bookmarks(.twb), workbooks(.tbm), data extracts(.tde), packaged data source(.tds). These files should be saved with their specific extension. These files are saved in the associated folders in the My Tableau Repository directory.

Dashboard:A dashboard is a display collection of worksheets and related information in a single place. It is used to compare, monitor and visualize a variety of data simultaneously. The different data views are displayed all at once. While creating a dashboard, one can add views from any worksheet in the workbook along with many supporting objects such as text areas, web pages, and images.

Maps: This application needs a geographical location to plot the data on a map. To create a single map data source must contain location names along with latitude and longitude.

Server: Tableau server is a software used to share worksheets which was created at Tableau Desktop. Once worksheets are uploaded to the server, it will be accessible to authorized users only.
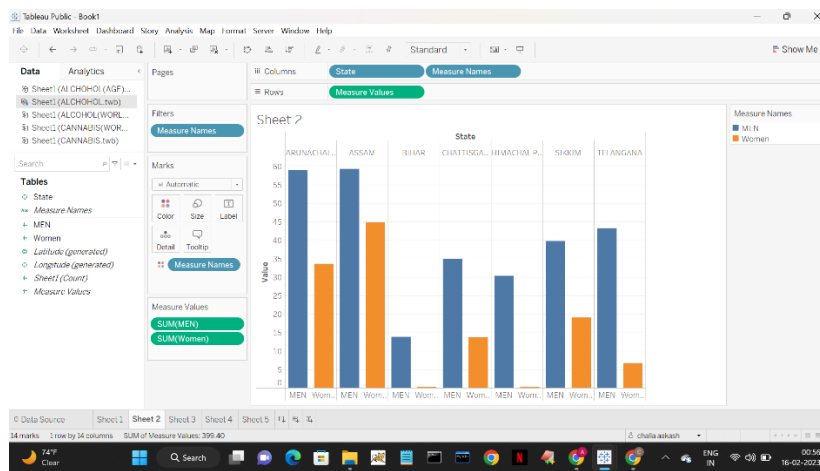
IV. RESULTS

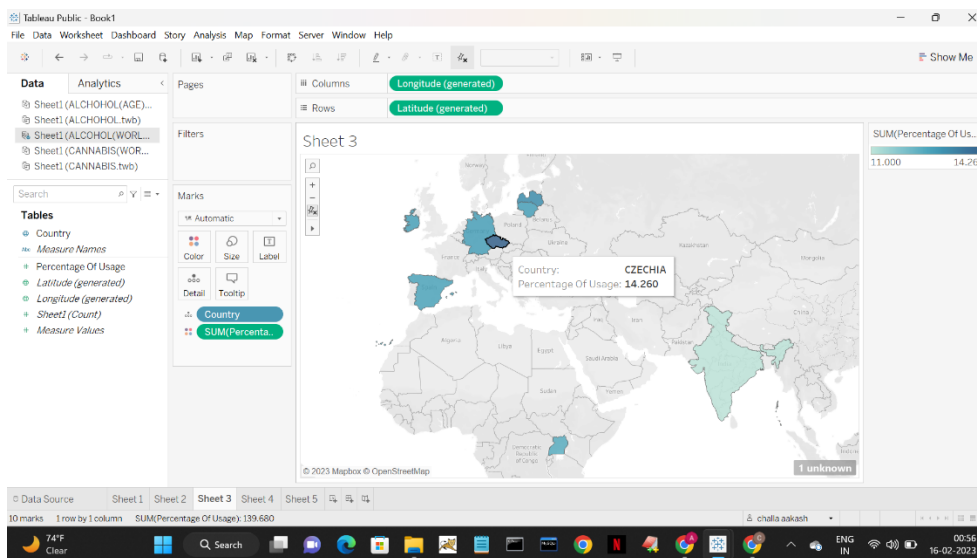**Figure 1.1 shows the percentage usage of alcohol in India (both men and women)**

Figure 1.2 shows the percentage usage of alcohol in the country

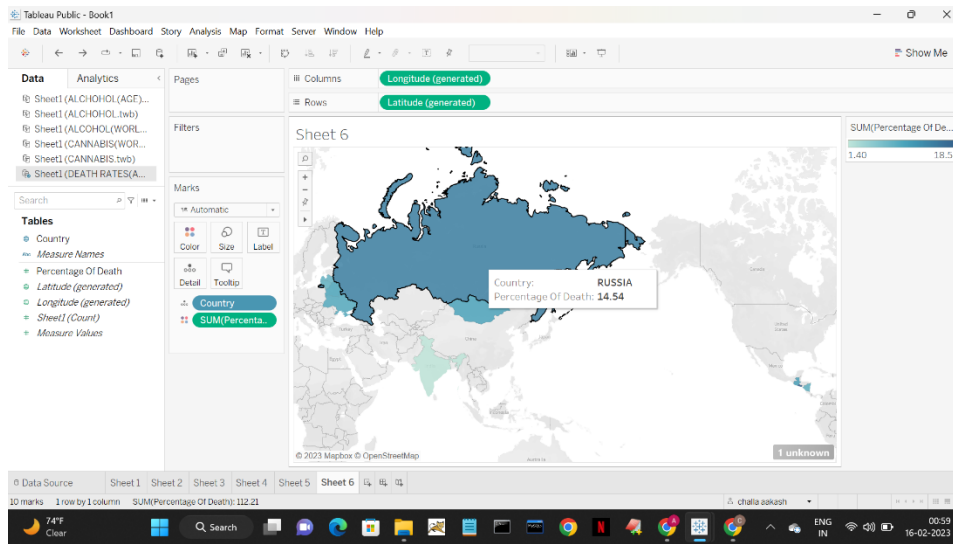**czechia which is the most alcohol consumption country in the world**

Figure 1.3

Figure 1.3 shows the death rate of Russia due to consumption of alcohol
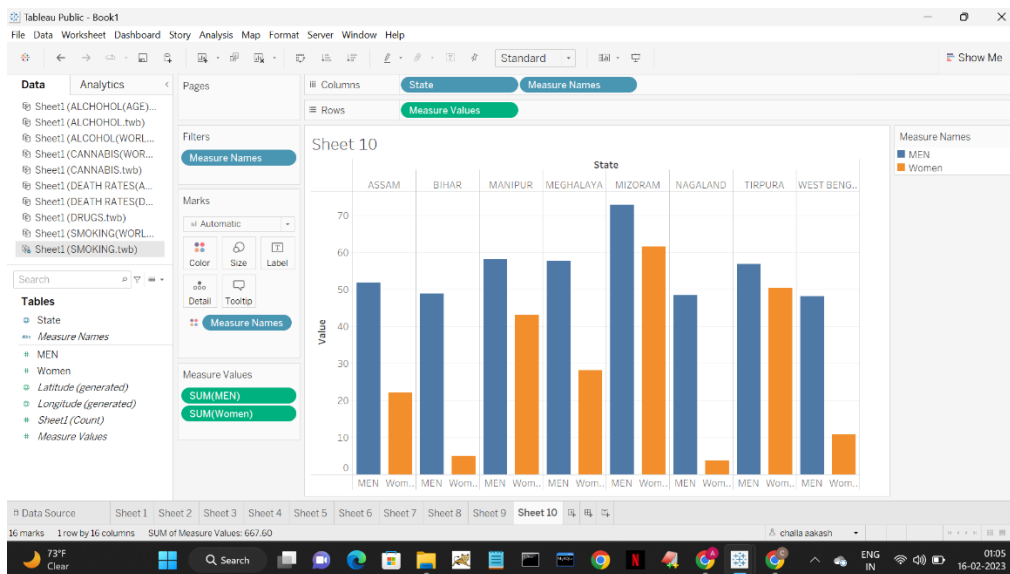

Figure 2.1 shows the percentage consumption of tobacco products(like cigarettes) in India (both men and women)
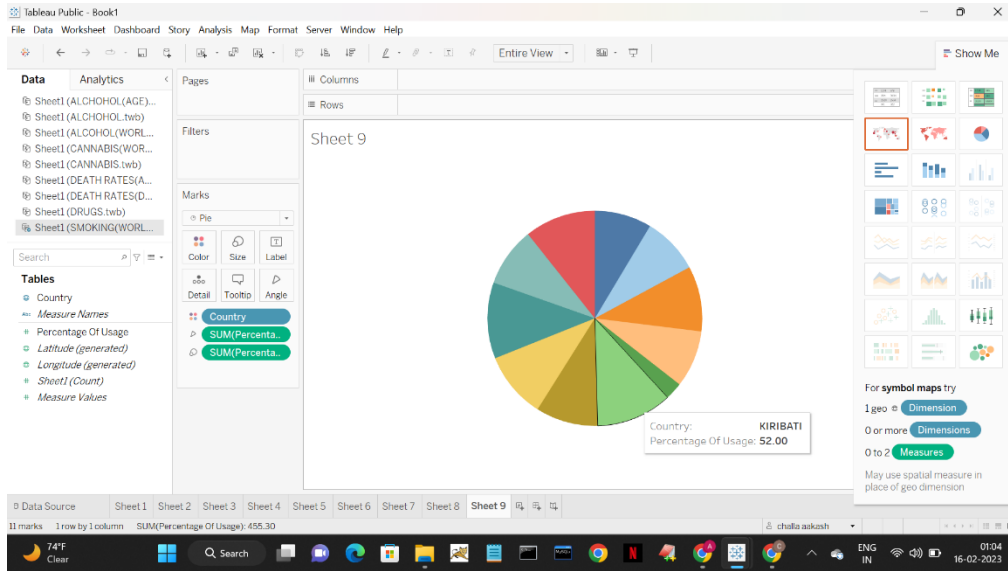
Figure 2.2 shows the percentage consumption of tobacco products in Kiribati country which the no 1 country in the world in consumption of tobacco products(like cigarettes)
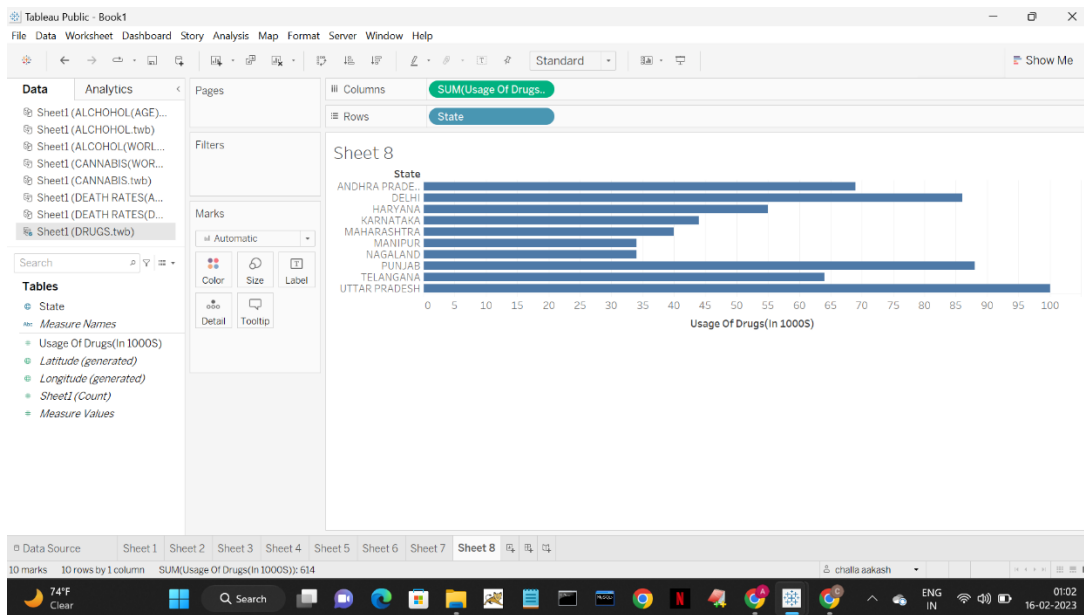

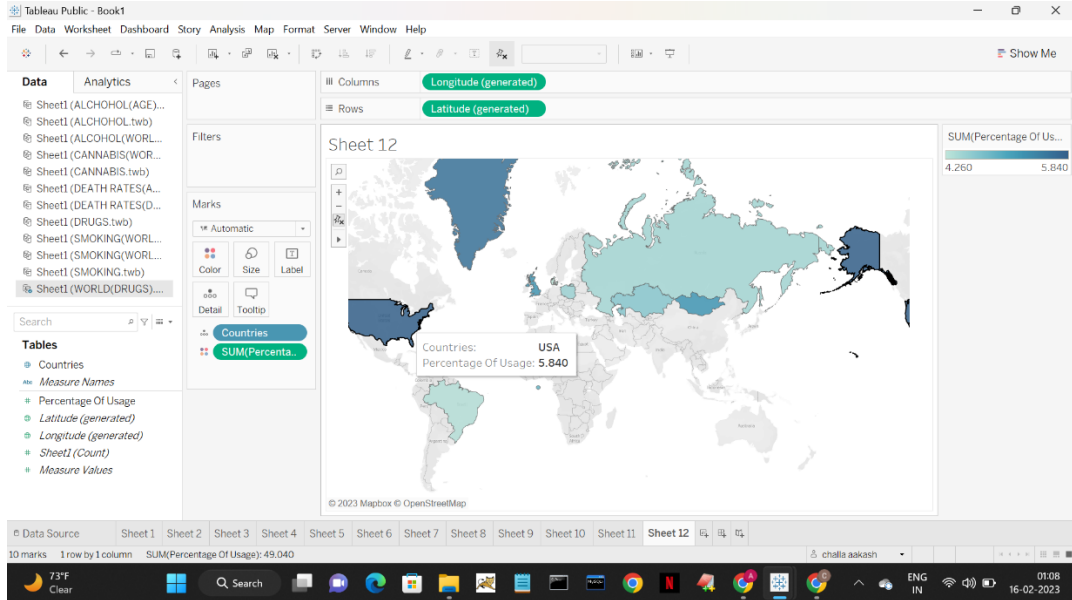**Figure 3.1 shows the percentage usage of drugs (in 1000s) in India**

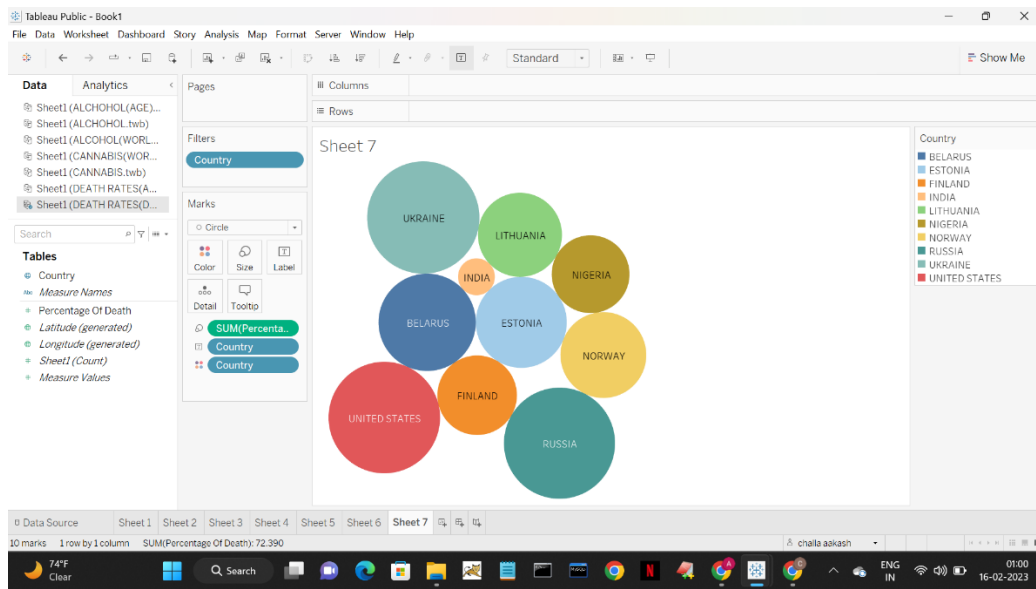**Figure 3.2 shows the percentage of usage of drugs in USA**

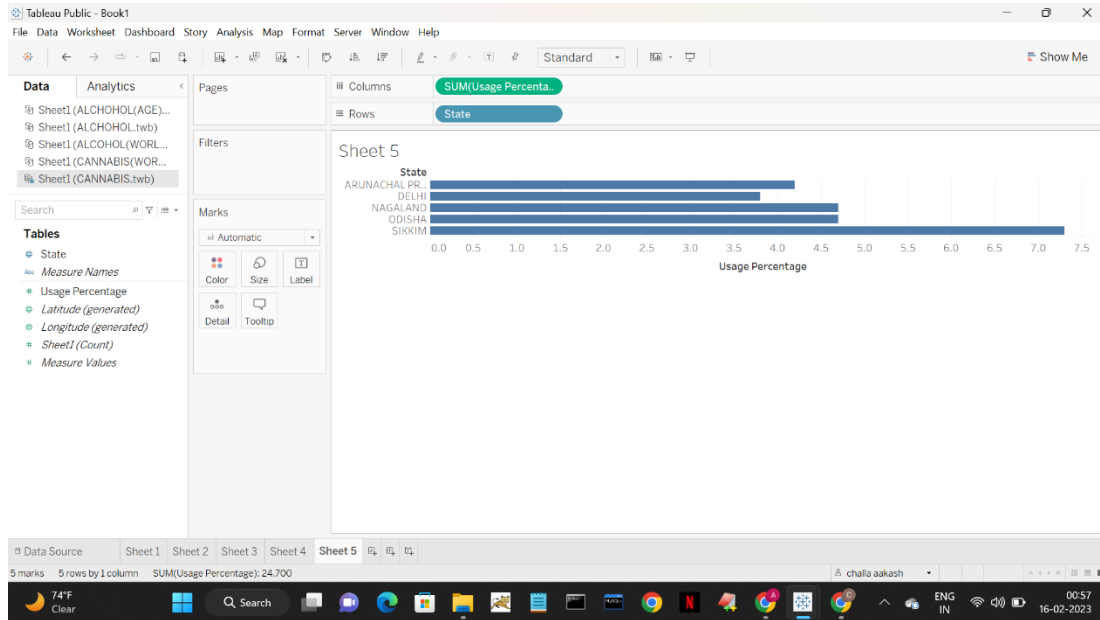**Figure-3.3 shows the death rate due to consumption of drugs across the world**

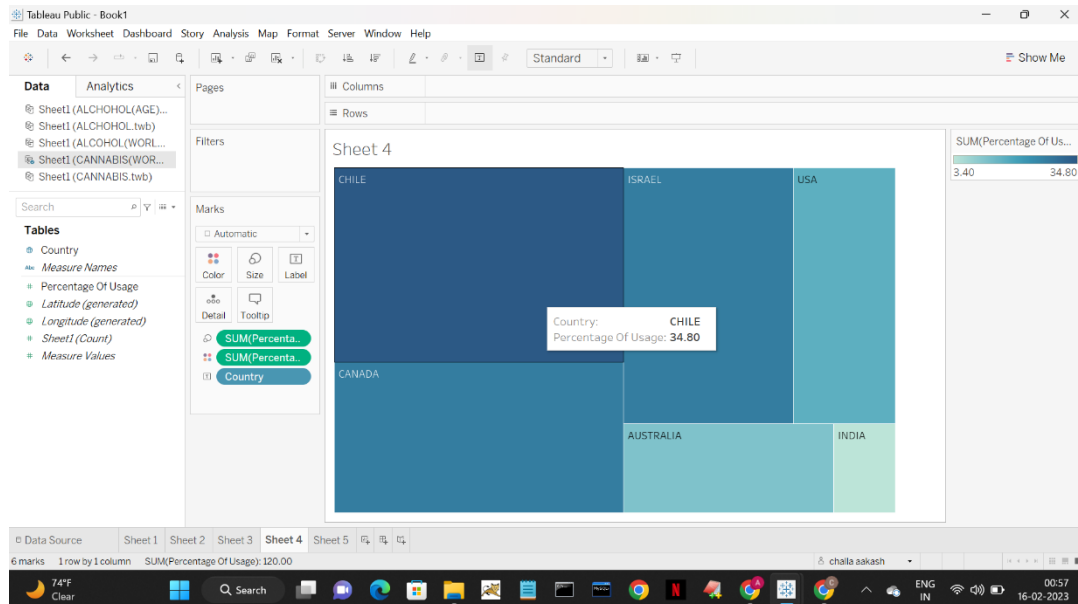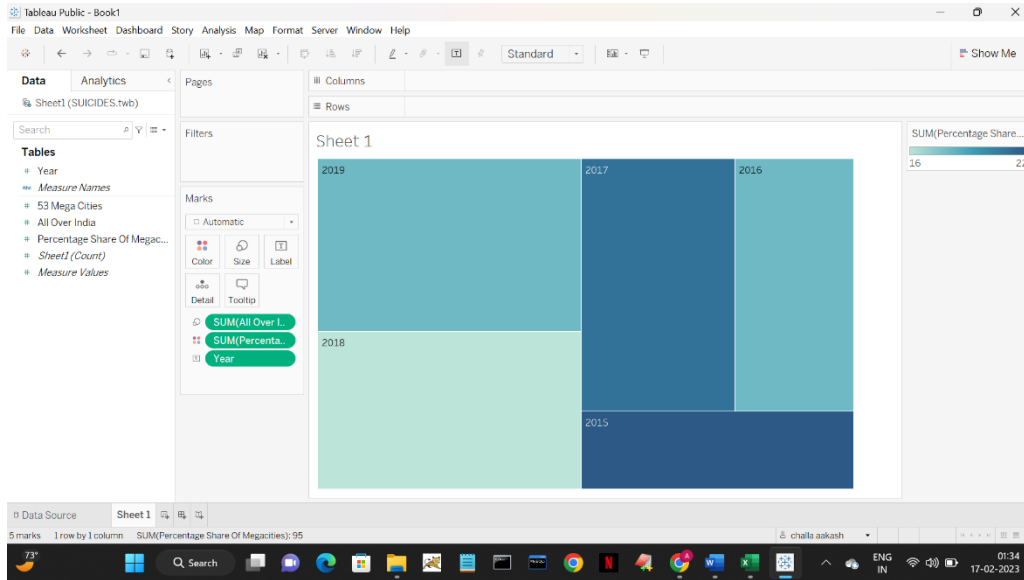**Figure 4.1 shows the percentage usage of cannabis in India**

Figure 4.2 shows the percentage usage of cannabis across the world

Figure 4.3 Shows the percentage of suicides linked due to abuse of drugs, alcohol

V. CONCLUSION

Therefore, we have visualized the data about Addicted Population of people towards Bad Habits throughout the world. Through this application the government can go through the data presented visually and can take some strict actions in some of the specified countries where the percentage of these addiction is high. The government can also control the suicide rates due to unavailability of drugs and arrange more rehabilitation centers in the specified areas. So, that this can be controlled.

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