

CLEAN WATER AND SANITATION INSIGHTS

INTRODUCTION

Team Name: Team Inevitable

Team Members:

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PROMPT

Our work is based on Clean Water and Sanitation. The reason behind choosing clean water and sanitation as our project is every year, millions of people die from diseases caused by inadequate water supply, sanitation, and hygiene. Other than pneumonia, diarrhea is the main cause of death in children under age 5. Having clean water and sanitation means being able to avoid exposure to countless diseases.

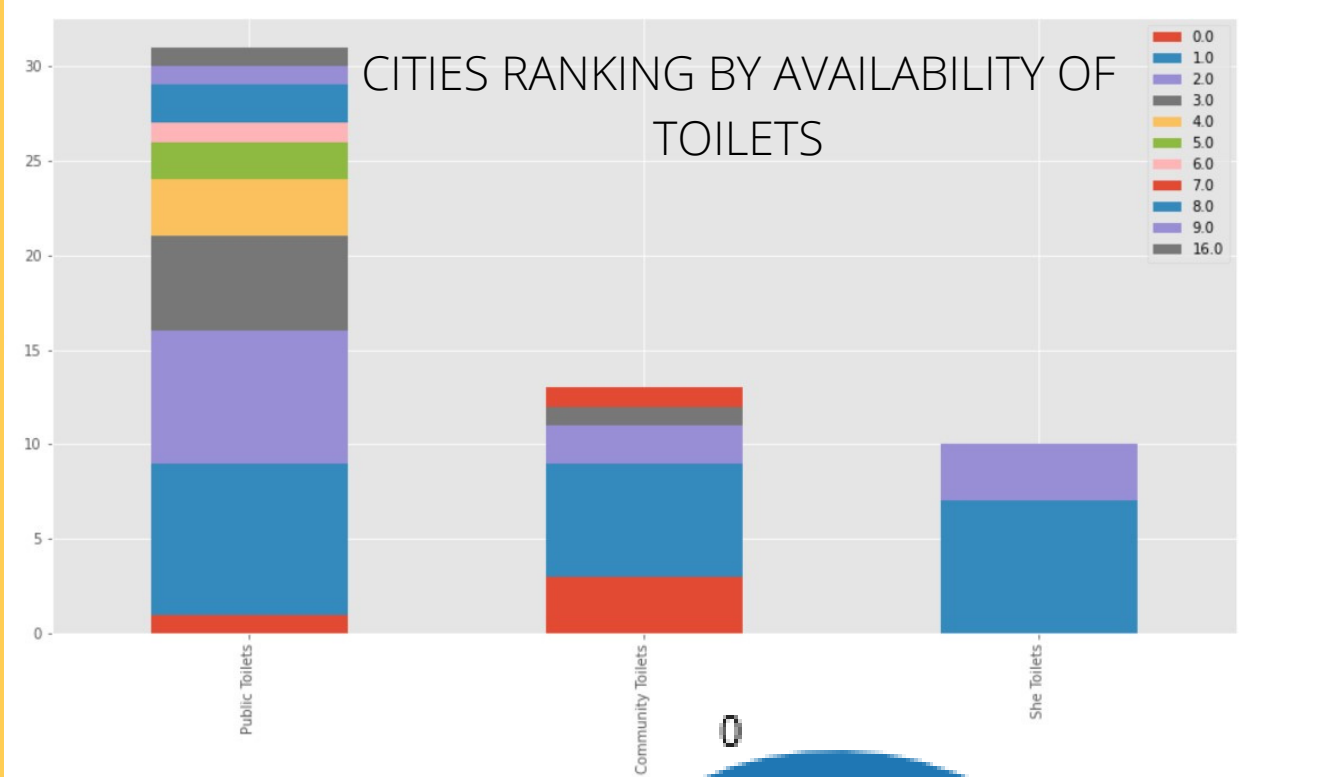
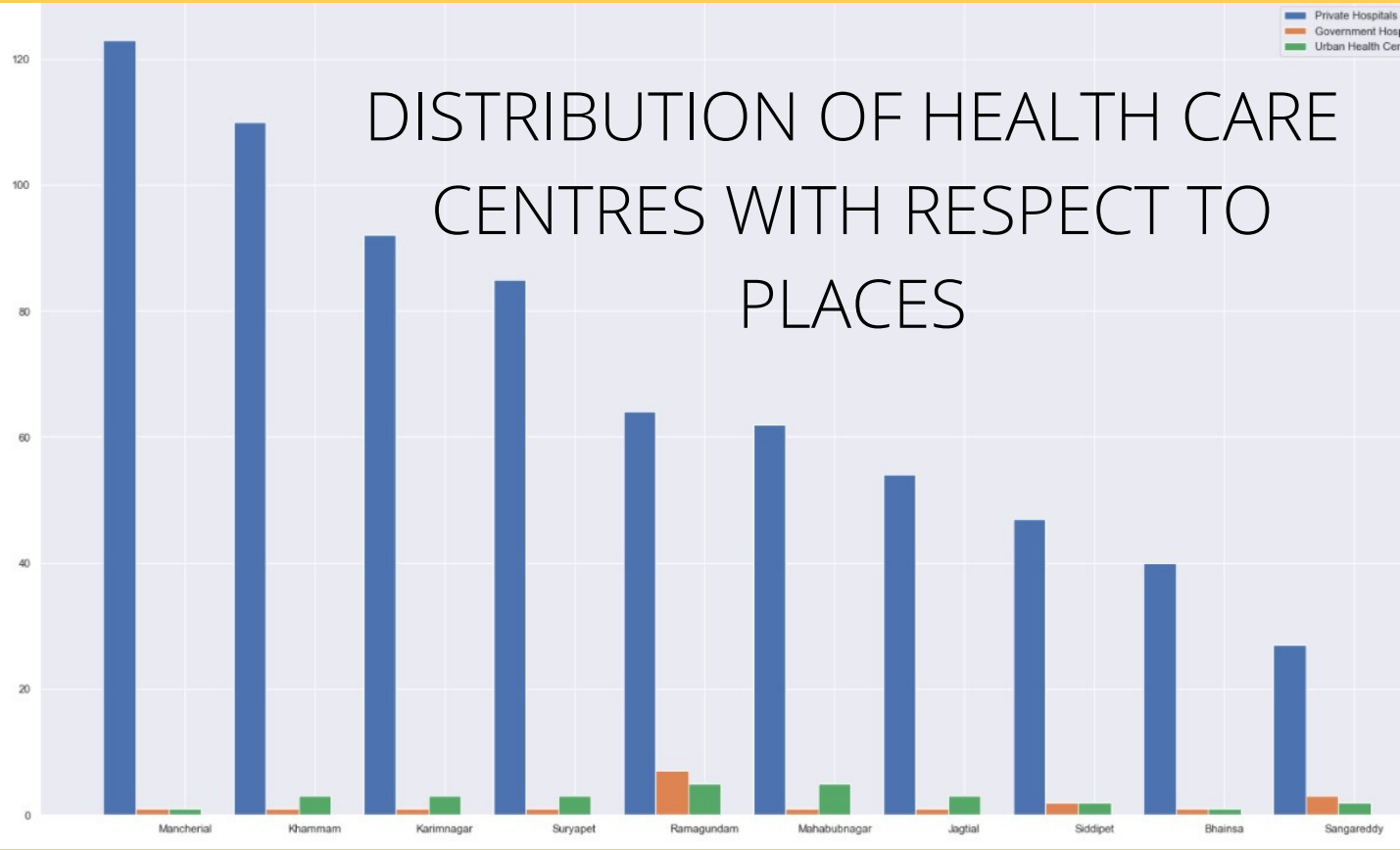
METHODOLOGY

1. Data Collection: Involves collection of data. We have collected data from the official Telangana website,
<https://data.telangana.gov.in/dataset/sanitation-urban-local-bodies-telangana>
2. Data Cleaning: We have put multiple constraints on data like range, cross-filed examination, regular patterns, and many more.
3. Data Analysis: We have used Python, Excel as tools for data analysis
4. Data Interpretation: We have interpreted our data and came up with a course of action
5. Data visualization: We have used bar graphs, pie charts, histograms as a representation of our insights using libraries like Seaborn, matplotlib

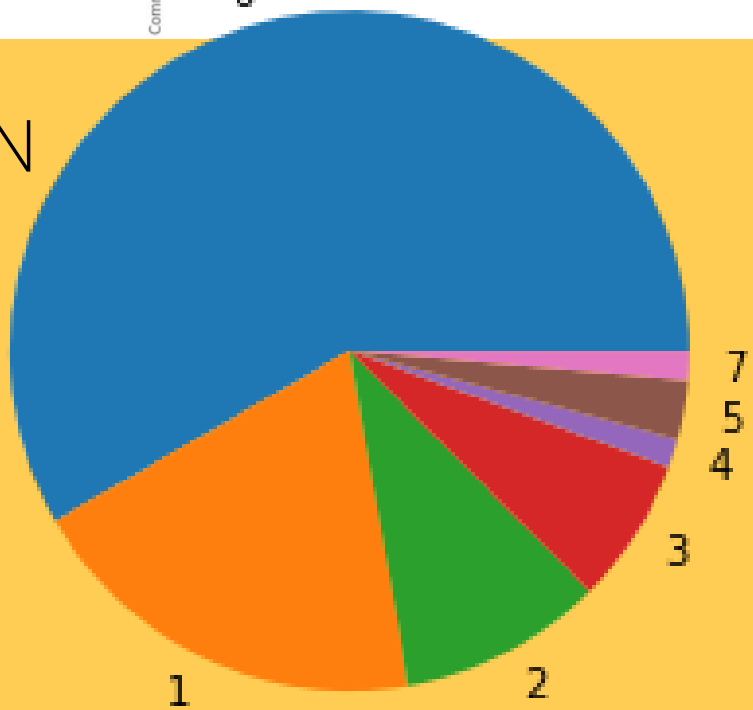
CONCLUSION

Based on our analysis, districts like Madhira, Kodada, Warangal, Nizamabad have no health care centres, unlike Siddipet and Karimnagar. Districts like Warangal and Nirmal have to improve regarding open defecation system. It was also observed that few districts face unequal ratios between the garbage generated and garbage collected. Measures have to taken in such districts to improve the well-being

RESULTS



DISTRIBUTION OF URBAN HEALTH CENTRES



NUMBER OF TRACTORS PER ULB

