

MOHUA-SBM-INTRO-REPORT

Shaurya Gupta and Sunny Raj

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Introduction

The following report provides an introduction to the projects assigned to us.

1 Social Media Feed - Swachh bharat mission

Swachh Bharat Mission, initiated by our Honourable Prime Minister Shri Narendra Modi, was an effort to provide the citizens and future generations with a cleaner and greener Bharat. To evaluate how well it has been received by the citizens, it is important to gather their feedback, and the best way to do this is through social media. Therefore, we have scraped feed data from social media platforms such as X (formerly Twitter), LinkedIn, Instagram, etc. After collecting the feeds, we can categorize them as positive or negative. Using various data representation techniques, we can then display how citizens feel about the Swachh Bharat Mission based on latitude and longitude.

2 Chatbot

To move forward with the Swachh Bharat Mission, an Urban Local Body (ULB) must assess how well it is performing in the Swachh Bharat Sarvekshan. Since manually consulting each ULB can be a challenging task, we propose creating a chatbot to address this issue. The chatbot will provide ULBs with their scorecard and highlight areas where they are underperforming. It will also offer advice and suggestions on how the ULB can improve its performance and increase its score.

3 Geomapping and geotagging

This project will enable designated officials and stakeholders to effectively monitor the progress and development of various administrative and operational units falling under the purview of the Swachh Bharat Mission (SBM). By leveraging geo-tagging and geo-fencing technologies, the system will facilitate real-time tracking, location-based verification, and efficient management of field-level activities. Such a mechanism not only enhances transparency and accountability but also ensures that developmental initiatives are aligned with the mission's objectives and timelines.