

UIDAI Data Hackathon 2026

Exploratory Data Analysis of Aadhaar Enrolment Trends in India

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Tool Used: Python (Jupyter Notebook)

Problem Statement

To analyze Aadhaar enrolment trends using open UIDAI data to understand patterns across age groups, districts, and time periods, and to provide data-driven recommendations for UIDAI.

Data Source

UIDAI Open Government Data Platform – Aadhaar Monthly Enrolment Data (Telangana).

Charts & Visual Analysis

- Year-wise Aadhaar Enrolment Trend
- District-wise Enrolment Comparison
- Age-wise Aadhaar Enrolment Distribution
- Monthly Aadhaar Enrolment Trend

Key Insights

- Aadhaar enrolments vary significantly across districts.
- Adult population (18+ years) accounts for the majority of enrolments.
- Certain districts consistently show higher enrolment volumes.
- Monthly trends highlight periods of increased registration activity.

Recommendations for UIDAI

- Increase enrolment centres in high-demand districts.
- Promote Aadhaar registration drives in underrepresented age groups.
- Use monthly trend analysis for operational planning.
- Allocate resources dynamically based on regional enrolment demand.

This project was developed as part of the UIDAI Data Hackathon 2026 using Python and Jupyter Notebook.