

# Biometric Update Data Analysis Report

## 1. Introduction

This project is based on Aadhaar biometric update data.

Biometric update means updating fingerprint, eye scan, or face data in Aadhaar.

The aim of this project is to study biometric updates and understand how they change state-wise, district-wise, age-wise, and date-wise.

## 2. About the Data

The data used in this project contains:

- State name
- District name
- PIN code
- Number of Biometric updates of age 5-17 years and 17+.
- Date

## 3. Analysis and Observations

### 3(a) State-wise Biometric Updates

- Some states have more biometric updates than others like **Uttar Pradesh and Maharashtra**.
- This shows that biometric update activity is not same in every state.
- States with more population usually have more updates.

### 3(b) District-wise Biometric Updates

- When data is checked district-wise, big differences are seen.
- A few districts have very high biometric updates like **Pune, Nashik, Thane**.
- Many districts have low biometric updates compared to average like **Mahoba, Udhampur, Nicobar**.

### 3(c) Age-wise Biometric Updates

- Adults (17+) do most of the biometric updates.
- Children have less biometric updates.
- This happens because adult fingerprints change more due to work and age.

### 3(d) Date-wise Analysis

- Biometric updates happen regularly over time.
- No sudden rise or fall is seen.
- This shows people update biometrics throughout the year.

- On 2025-07-01 biometric updates are high which is **9792552**.

#### **4. Key Points**

- Adults do maximum biometric updates
- Biometric updates are different in every state and district
- Some areas have more update activity
- Updates happen continuously
- Children need fewer biometric updates
- Some States And District need more focus and attention.

#### **5. Conclusion**

From this project, it is clear that biometric updates are not equal everywhere. Some states, districts, and PIN codes have more updates, while others have less. This study helps to understand where biometric update services are used more