

# Postal Boundary Identification and Creation of India in Geospatial Environment

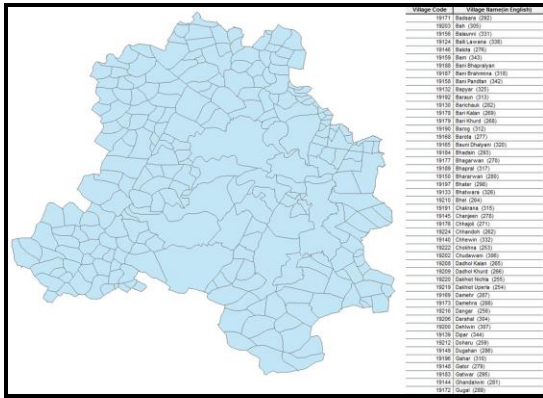


Fig.1 Village Boundary

## Business Need:

The Postcodes are a well-known and easily collected component of an address so they are used by many researchers and businesses as a way of linking data to a geographic area for spatial analysis. However, a number of organizations create geographic boundaries that aim to define the geographic extent of the mail delivery area for each postcode but defining postcodes with a geographic boundary is an imprecise process, and this is demonstrated by the fact that there are variations in boundaries.

The business requirement was to create postal boundaries correctly which shows geographical extents of the mail delivery area.

## Inputs Used:

- Census 2011 village level data.
- Panchayat data in excel format
- Postal Code boundary

## Business Solution:

The village boundaries are joined with Panchayat level boundaries with their postal codes in Geospatial environment on district level.

The remaining non joined data are verified with some of the reliable sources and compared with their nearby boundaries.

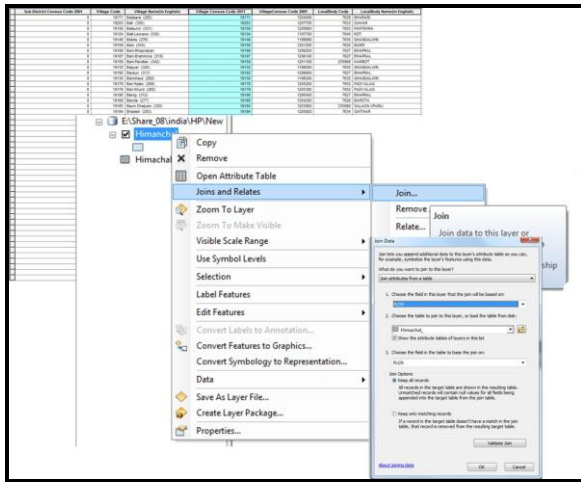


Fig2. Process of joining data

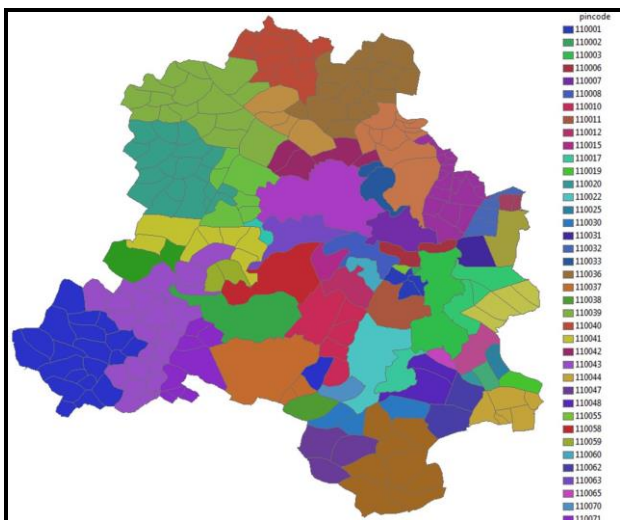
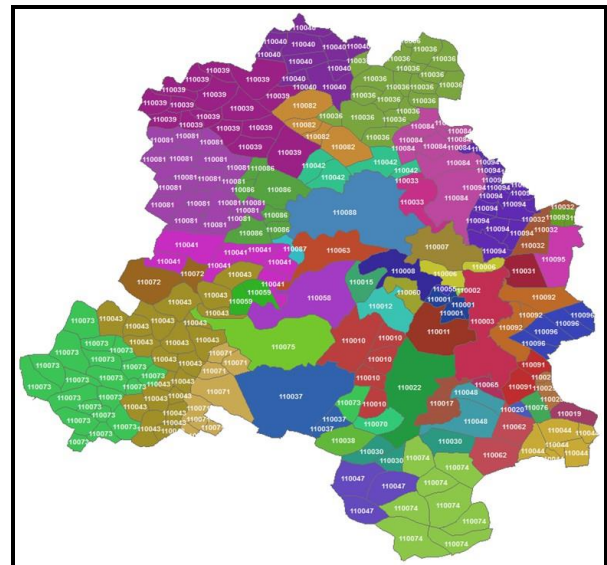


Fig.3. Boundary with pin code



## Project Shipment:

The following shipments were made-  
i) Postal Boundaries