

# Street audit data **Survey**

**This data has been extracted from a street audit.**

**Street audit is a tool that helps people become more aware about their area and responsibilities**

**This has a sample set of 39**



**This dataset had 39 entries. However,  
after cleaning the dataset, only 23  
appropriate entries were there  
Why?**

**Because 16 /39 people left the  
audit after being asked to take  
a picture of their street**



## - Top 3 cities where audit took place



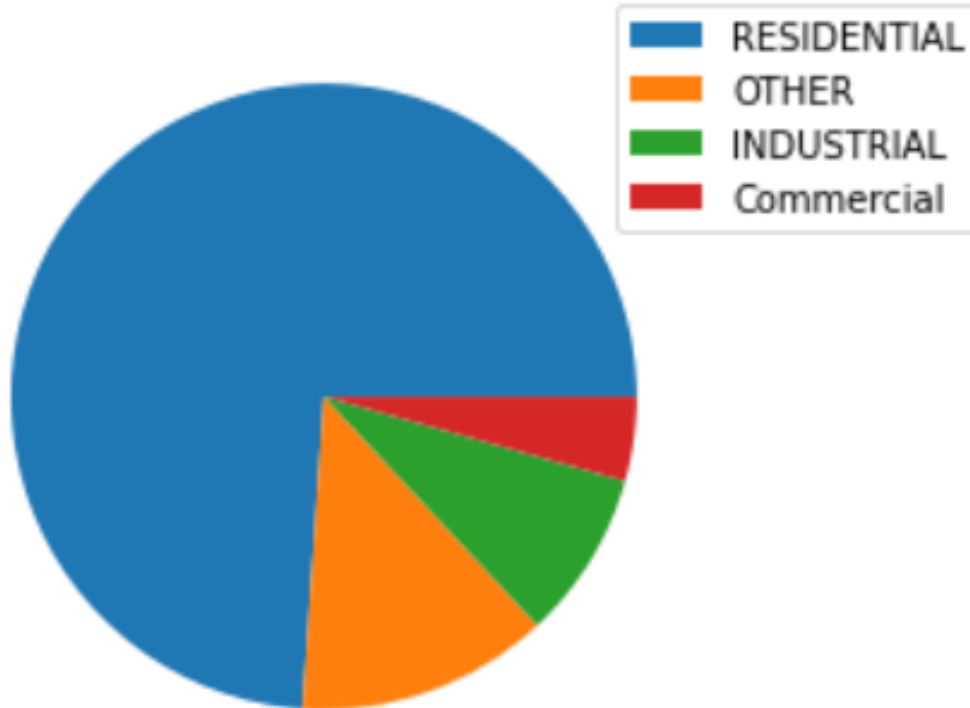
|           |   |
|-----------|---|
| Chennai   | 5 |
| Bangalore | 5 |
| Mumbai    | 2 |

## - Only 8/23 people knew their street ward

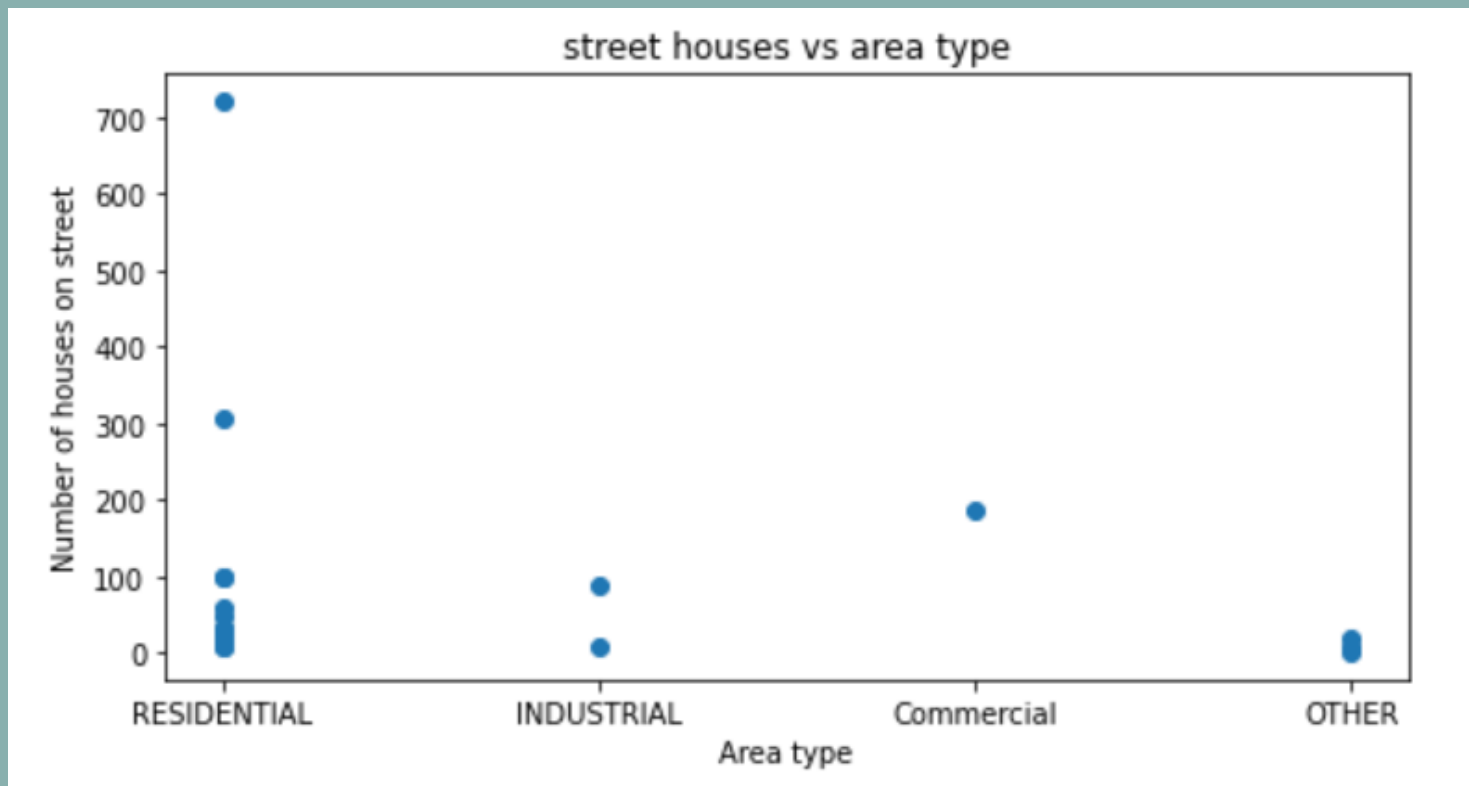


## - Types of areas people live in

Types of areas people live in



- Average houses on the streets are **81**
- Area type vs the number of street houses



**- 12 out of 23 people marked yes when asked if they observe potholes in their area**

|     |    |
|-----|----|
| YES | 12 |
| NO  | 11 |

**- This is what they selected when asked if their street has footpaths**

|                    |    |
|--------------------|----|
| YES                | 13 |
| NO                 | 7  |
| Not good condition | 3  |

**- 15/23 people's vehicles are parked on the footpath/sides**

|     |    |
|-----|----|
| YES | 15 |
| NO  | 8  |

**- 16/21 participants find their areas safe!**

|     |    |
|-----|----|
| YES | 16 |
| NO  | 5  |



## - Available street lights vs them working

Average number of street lights are 12 on the roads

The average working street lights are even less, it is round off to 3!

## - When asked about the roads during floods

|                 |    |
|-----------------|----|
| NO              | 10 |
| YES             | 6  |
| Yes, Not severe | 5  |

11/21 people  
face ths issue





**- When asked if people have observed water wastage on the streets**

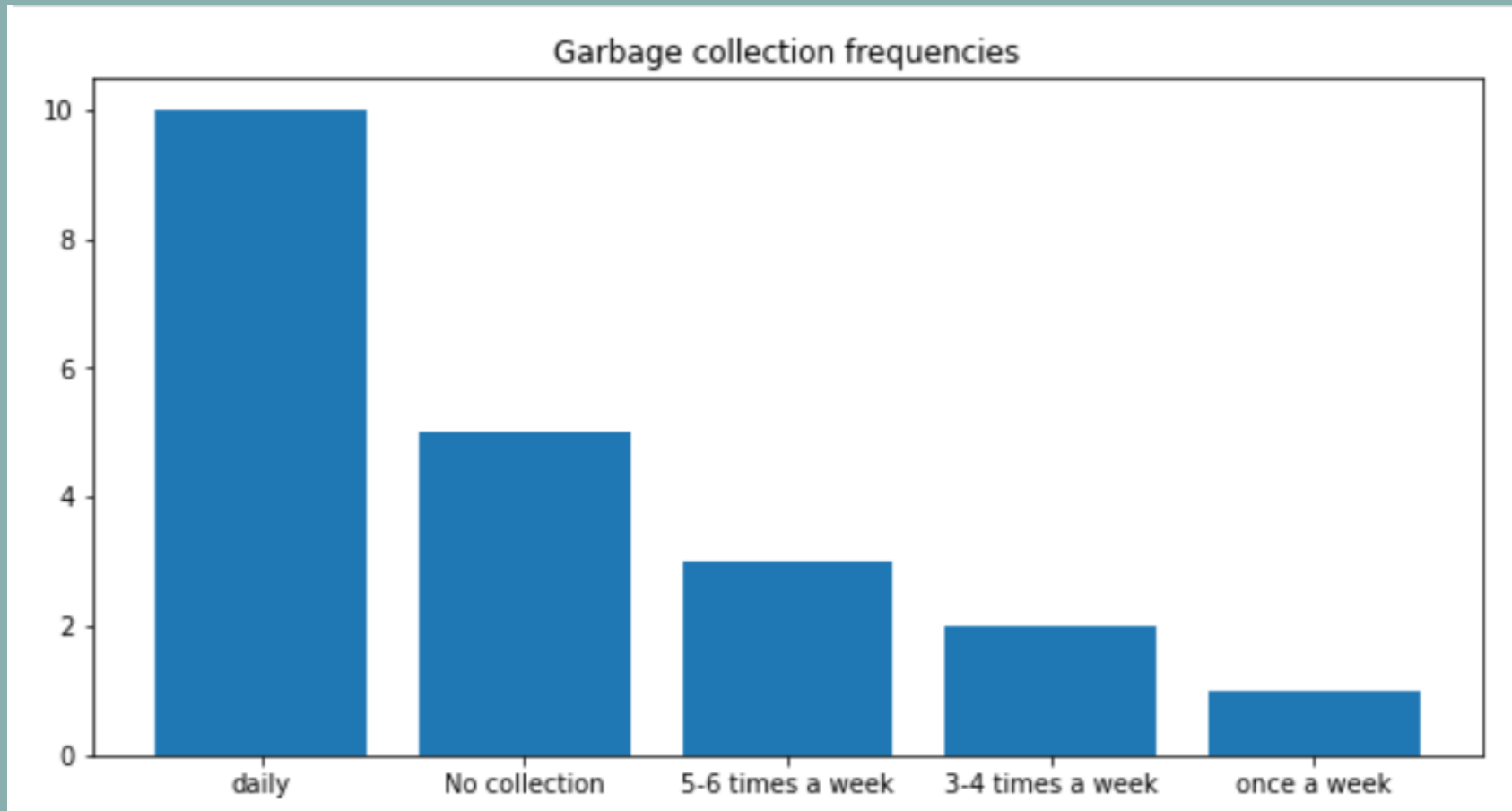
|                 |    |
|-----------------|----|
| NO              | 14 |
| YES             | 6  |
| Yes, Not severe | 1  |

**- 10/21 citizens have observed blackspots**

|     |    |
|-----|----|
| NO  | 11 |
| YES | 10 |



## - How often garbage collection occurs in a week?



**- Only 7/21 people marked yes when asked if they have dustbins available on streets**

|            |           |
|------------|-----------|
| <b>NO</b>  | <b>14</b> |
| <b>YES</b> | <b>7</b>  |

**- 3 out of those 7 dustbins are overflowing**



- 4/21 people face open burning of  
garbage

|     |    |
|-----|----|
| NO  | 17 |
| YES | 4  |



- 13/21 people face trouble from pest sor  
rodants

|              |   |
|--------------|---|
| NO           | 8 |
| OCCASIONALLY | 8 |
| YES          | 5 |



# Personal observations after analyzing the data set

- Many people **don't** have dustbins in their areas, it is important to have one, in order to reduce pollution
- **Half** citizens can see black spot due to garbage, it is unhygienic and must be changed

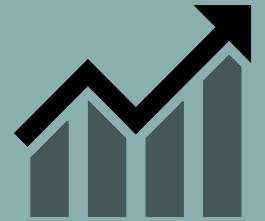


- Street lights which are working is **REALLY** less, it is less than **20%**, it could lead to crimes and accidents
- **52%** people have observed potholes in their areas, this is again a huge number and should be changed!
- Only **8/23** people know their ward names, which is too low!

RECOMMEND



**Improvements** with the form which could lead to better data next time:



**1- Few sections/columns could be deleted, in this particular dataset(Out of 39 entries):**

- (i) - 16 people left the survey when asked to take a picture of their street**
- (ii) - 2 More participants left the survey later, it was because of a lot of questions in the survey**



**(iii) - The more questions per survey, the higher the respondent drop-off rate from start to finish. So we could think of including only the important factors and not components like parking, ward\_name and number etc.**

**(iv) - The shorter the survey the more accurate response, so we can divide the survey into 2 or 3 different surveys**

**(v) - People enjoy if there are multiple choice answer surveys or yes/no surveys. Hence, there is a possibility of taking surveys of 10 MCQ + Yes/No questions to make them understand the problems they have in their areas. Marketing of these surveys is easy as well, it could have a title "10 questions to understand your area well"**

**Vedaang Gulhane**

**Analysis done  
using python**