

INTRODUCTION:

Overview:

First of all I have downloaded the excel file from Tableau website that consists of the data set information which consists of the details to the Tanks, Ponds, Ooranis in the Corporation Muncipal and other areas. Then I have linked the excel sheet to the Tableau software and created the different worksheets.

Purpose:

In the worksheets, the graphs, are designed to show how the details present in the excel sheet are related to each other. The main agenda of this software is to create different types of graphs based on the information provides. We can achieve the graphical representation wiyh the help of the information provided in the form of the excel sheet.

LITERATURE SURVEY:

Existing problem:

The data that is mentioned in the excel sheet cannot be understandable. By just looking the dataset we can't analyse the situation.

Proposed Solution:

With the help of using the tableau software we can show the excel sheet information in the form of different type of graph so that it can be easily understand by everyone.

Worksheet Type	Worksheet Name of the R...	Worksheet No. of Tanks	Worksheet No. of Ponds	Worksheet No. of Ooranis	Worksheet Other Water B...	Worksheet Total No. of W...	Worksheet How many No....	Worksheet How many un...	Worksheet How many un...	Worksheet How many ur
Corporations	Tiruppur	8	23	0	0	31	0	5	26	
Corporations	Erode	8	4	0	3	15	11	1	2	
Corporations	Salem	13	0	0	0	13	2	0	9	
Corporations	Thoothukudi	2	3	0	0	5	4	0	0	
Corporations	Trichy	30	0	1	18	49	10	24	4	
Corporations	Tirunelveli	64	0	1	0	65	0	62	0	
Corporations	Coimbatore	15	39	22	18	94	8	86	0	
Corporations	Madurai	45	6	26	0	77	25	45	1	
Corporations	Vellore	11	20	1	0	32	19	6	6	
Corporations	Total-Corporations	196	95	51	39	381	79	229	48	
Municipalities an...	Tiruppur	3	8	0	37	48	35	7	4	
Municipalities an...	Vellore	95	37	6	15	153	24	23	91	
Municipalities an...	Tirunelveli	60	91	39	6	196	29	114	20	
Municipalities an...	Thanjavur	547	117	7	59	730	276	97	171	

THEORITICAL ANALYSIS:

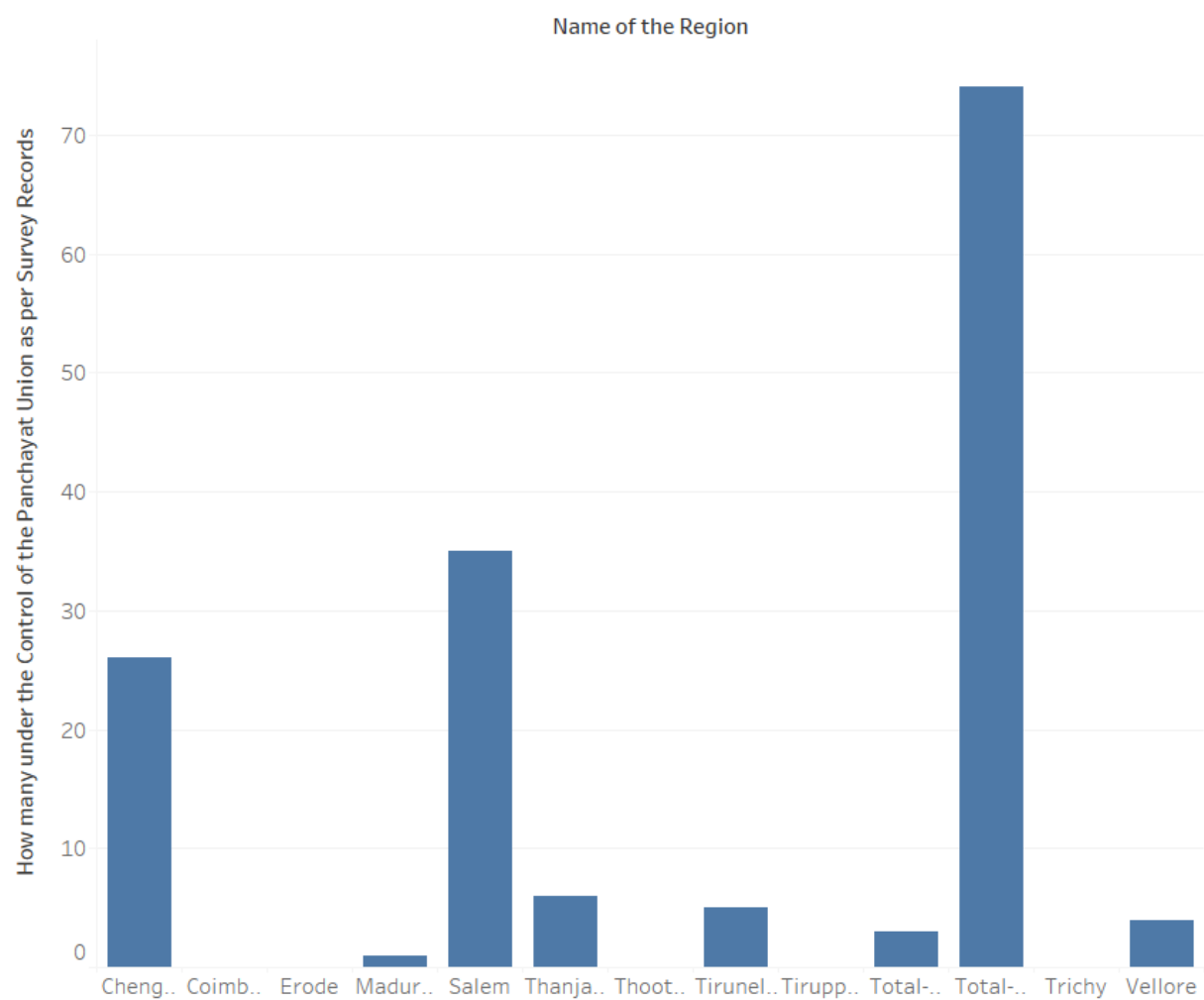
Software Requirements of the project:

1. Tableau Desktop
2. Microsoft Excel

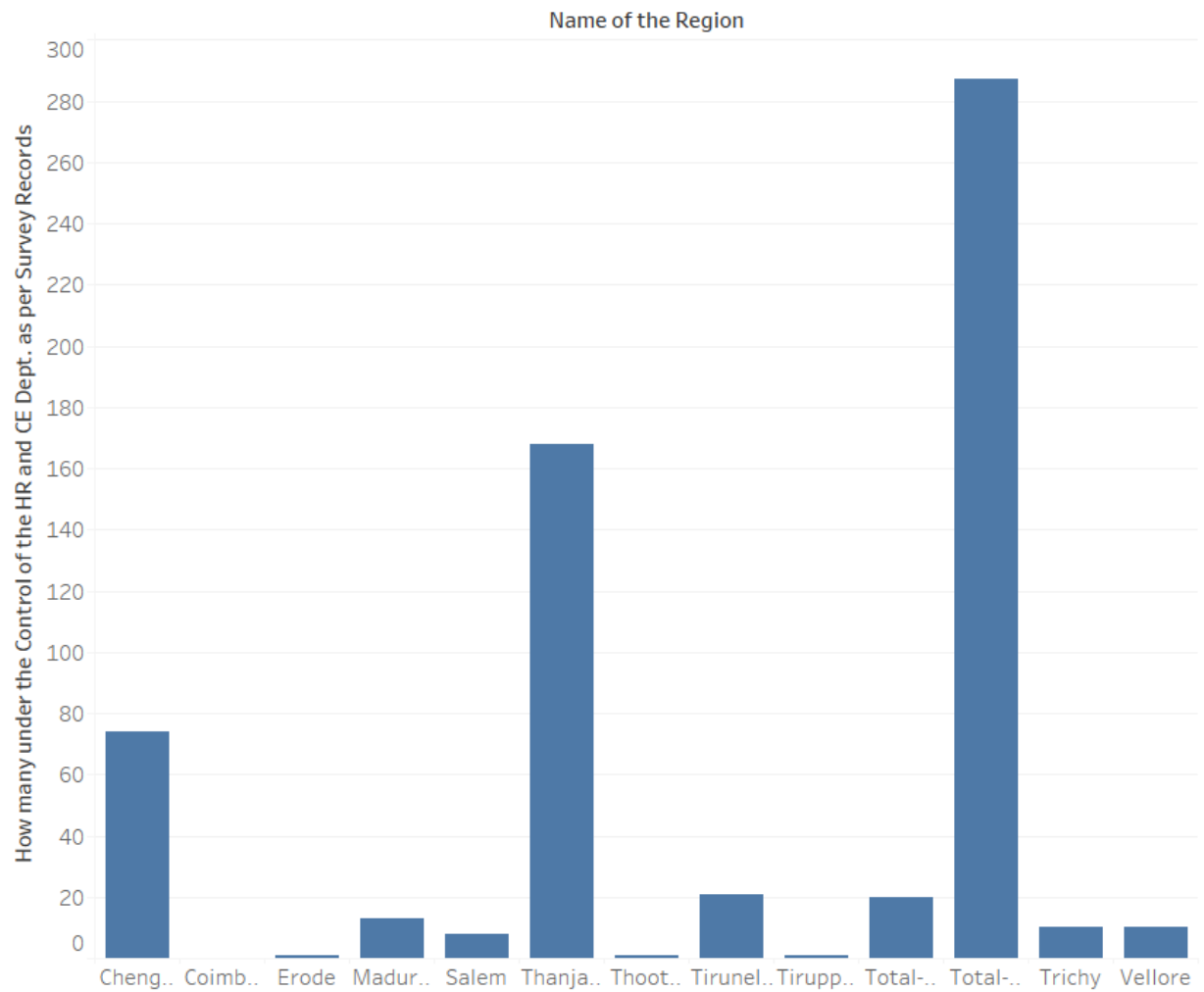
RESULT:



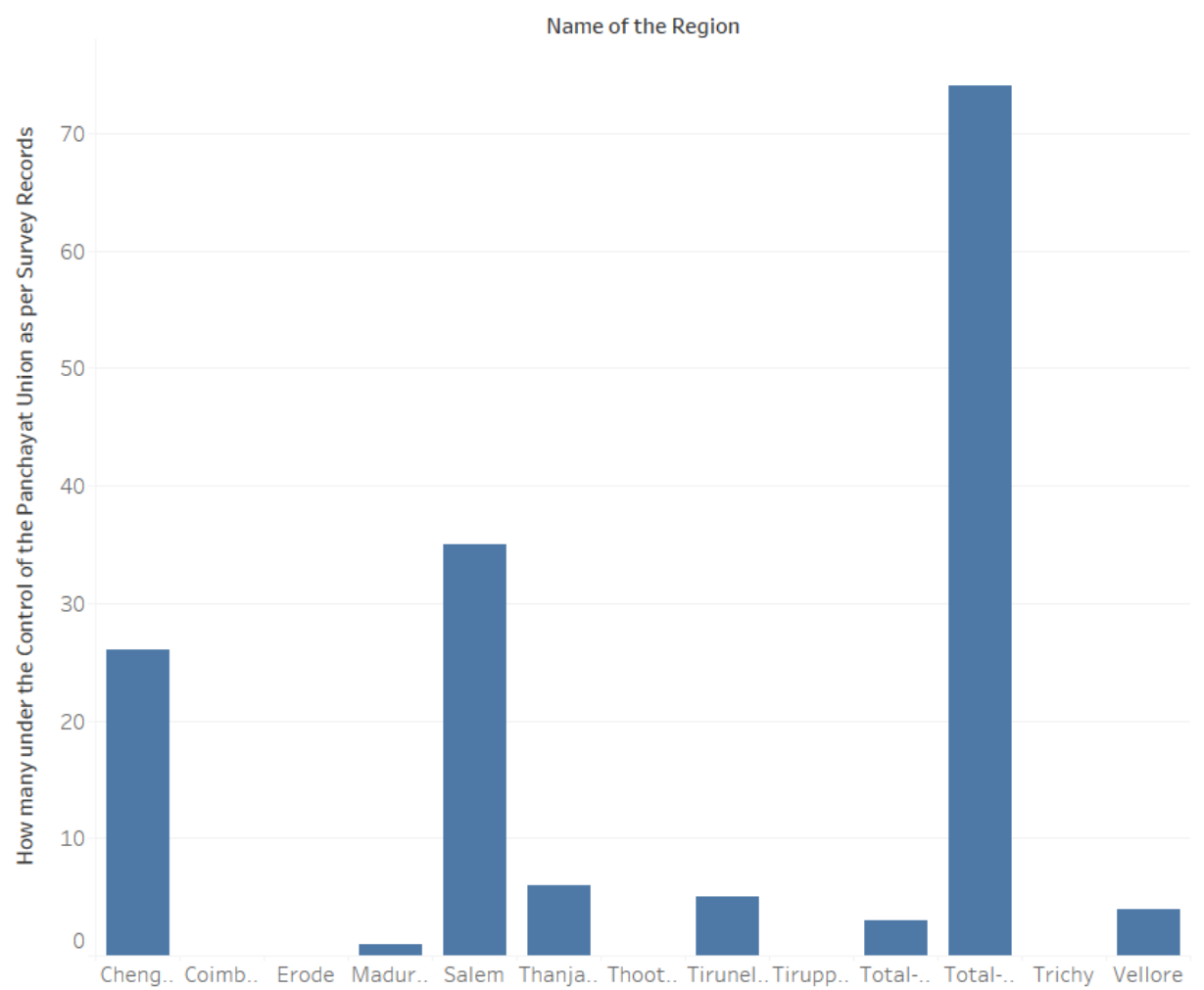
Control of HR and CE Dept.



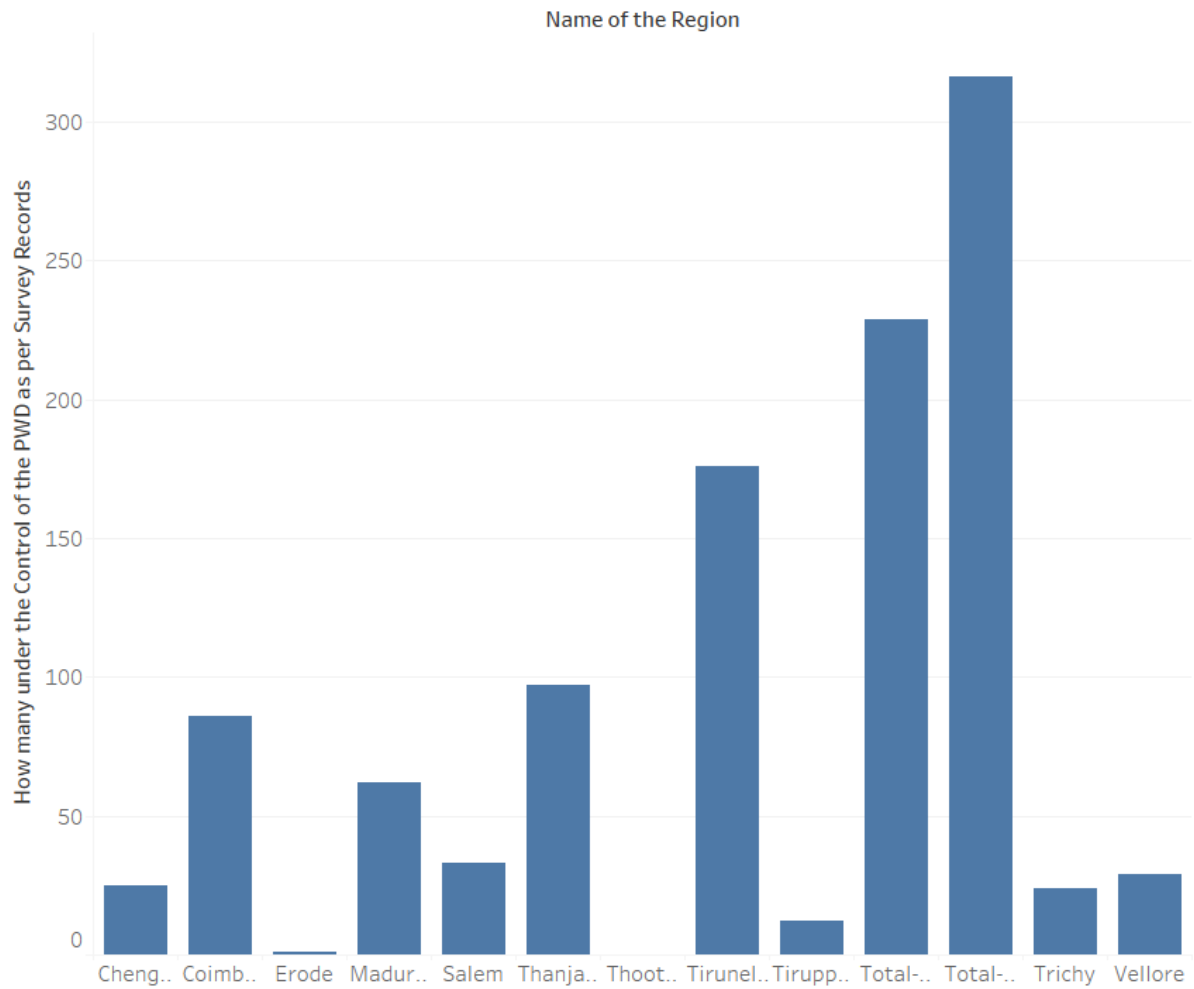
Control of Dept. Fisheries



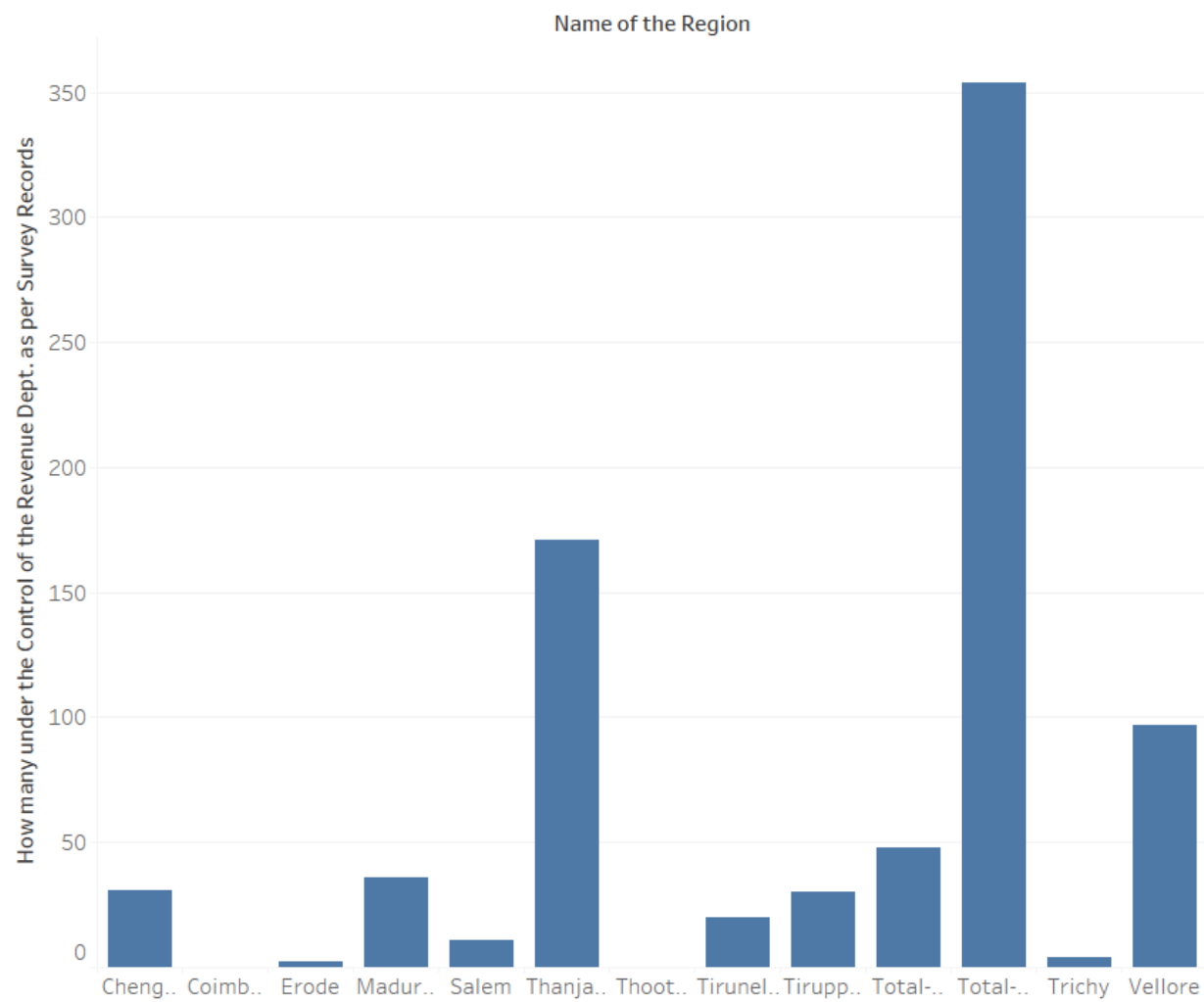
Control of HR and CE Dept.



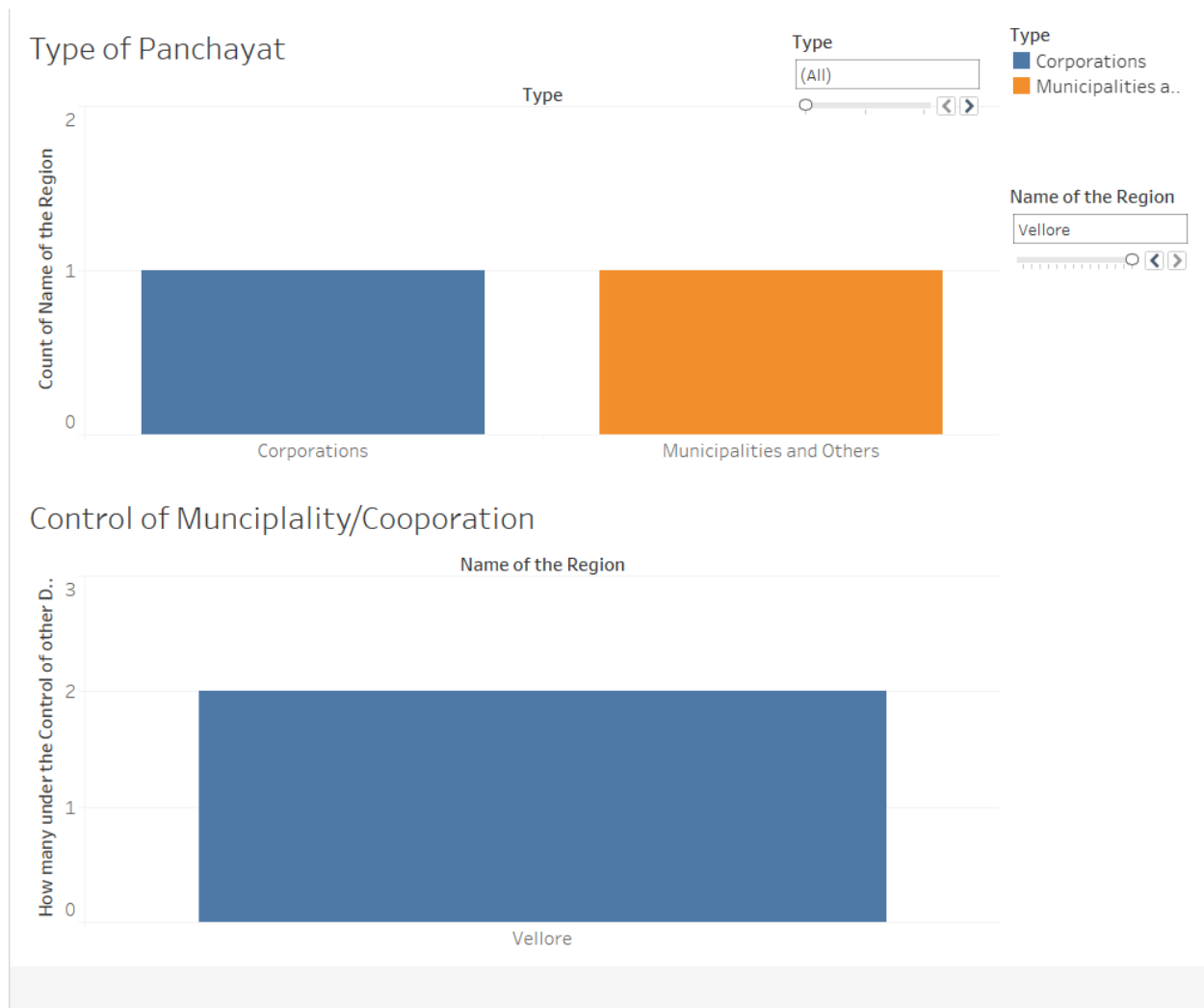
Control of Panchayat Union



Control of PWD



DASHBOARD:



Advantages:

1. Any type of data that is present in the excel sheet can be shown in a understandable way.
2. With the help of drag and drop we can easily include the information into the graph representation.
3. So many filters are available in the tableau software to show the graph in a colourful way.
4. The excel sheet may contain any amount of data that indicates that tableau supports processing the huge amount of data.

Disadvantages:

1. Adding huge amount of data leads to the Breakage.
2. The tableau will not be used for complex calculations.
3. It cannot store variables.

CONCLUSION:

Summerization:

1. The sheet consists of two main categories they are municipalities and corporations.
2. The waterbodies are controlled by different departments are represented.
3. In each worksheet the no. of water bodies are controlled by the departments are made visible with respect to different regions.
4. The output will be shown as a graphical representation.

FUTURE SCOPE:

Enhancements can be done in the future. Even any of the water bodies are increased or decreased the data must be updated to show the pictorial representation based on the changes.

BIBLIOGRAPHY:

References:

1. From the Tableau Data Viz Challenge Bootcamp by "SmartBridge".
2. Tableau E-Learning Platform.