

ASSIGNMENT 6

CATS & DOGS DATASET

DATA VISUALIZATION
DUSANE ASHISH CHANDRAKANT
M. TECH (ACDS)

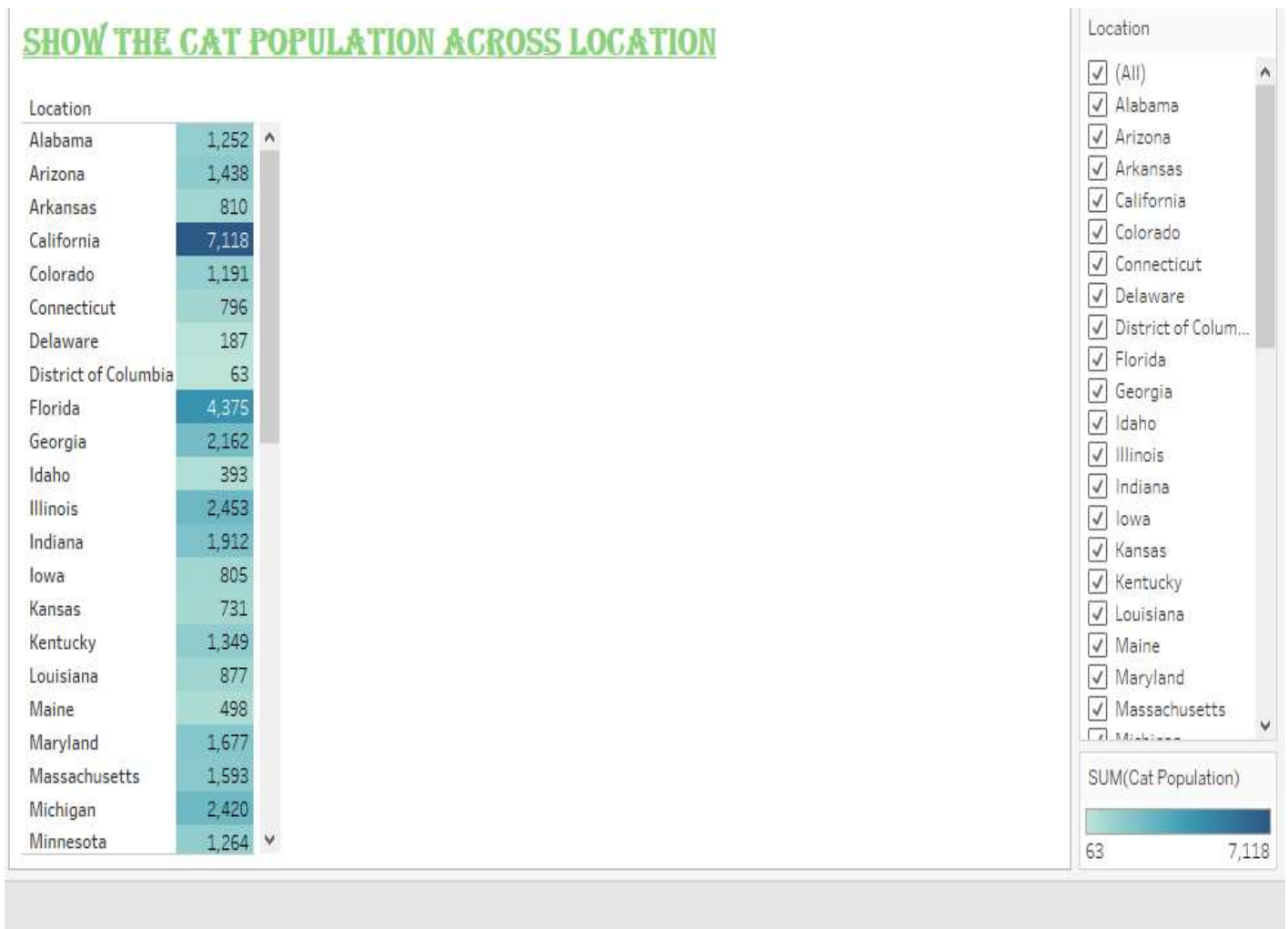
{ PRN : 170847980003 }

Date: 13-04-2018

1. Show the cat population across location.

➤ Explanation :-

Highlight tables:- Use highlight tables to compare categorical data using color. In this dataset we use highlight table, to show which location has maximum cat population and it highlight the maximum population using color.

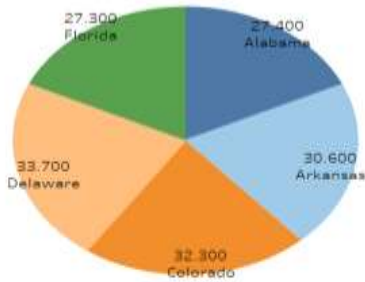


2 . Show the percentage of cat and dog population across location.

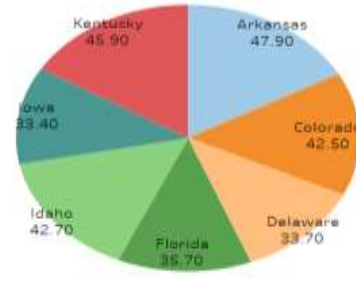
➤ Explanation :-

Pie-Chart:- Pie charts are used for giving a quick idea of the proportional distribution of the data. In this dataset we show the exact percentage of cat and dog population across different cities using pie-charts.

SHOW THE PERCENTAGE OF CAT POPULATION ACROSS LOCATION



SHOW THE PERCENTAGE OF DOG POPULATION ACROSS LOCATION

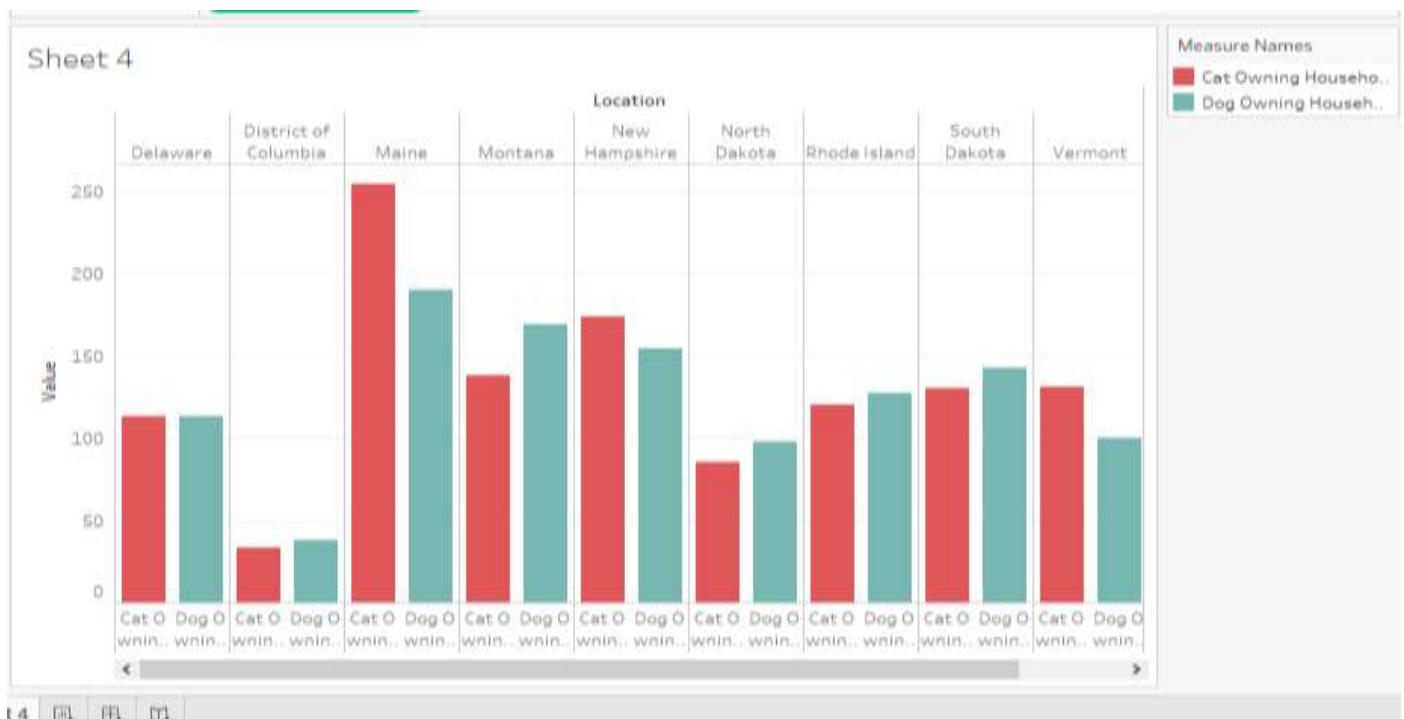


3. Show the top 10 cat owing households and bottom 10 dog owing households across different locations.

➤ **Explanation :-**

Side-by-side bars:- we use the side-by-side bars to see the comparison between cat owing households and dog owing households across different cities.

- We analyze that the location(Maine) has maximum cat and dog owing households as compare to other location.



4. Show the number of house-holds and number of pet households across different location

➤ **Explanation :-**

Text-tables:- text tables show the exact number of households and pet-households of different cities

- We clearly see that exact number that which city has minimum number of households and maximum number households and pet households.

SHOW THE NUMBER OF HOUSE-HOLDS AND NUMBER OF PET HOUSEHOLDS ACROSS DIFFERENT LOCATION

Location	Number of Households (in 1000)	Min. Number of Pet Households (in 1000)
Alabama	1,828	1,088
Arizona	2,515	1,497
Arkansas	1,148	716
California	12,974	6,865
Colorado	1,986	1,217
Connecticut	1,337	728
Delaware	334	189
District of Columbia	287	63
Florida	7,609	4,138
Georgia	3,798	2,093
Idaho	568	352
Illinois	5,026	2,602
Indiana	2,478	1,484
Iowa	1,219	654
Kansas	1,133	691
Kentucky	1,777	1,094
Louisiana	1,702	937
Maine	548	345
Maryland	2,169	1,134
Massachusetts	2,618	1,318
Michigan	3,804	2,108

first
☒ (All)
☒ avg no of pet house...
☒ max no of pet-hous...
☒ min no of pet house...

first
☒ avg no of pet househ..
☒ max no of pet-house..
☒ min no of pet househ..