Tab : Data structuring options|Lecture

Agenda
- Basic Charts
  - Text Table
  - Highlight Table
  - Heat Map
- Data Structuring
  - Groups
  - Sets
    - Static
    - Dynamic
    - Combined
  - Parameters

Business problem 5 : Find sales and profit by region for the year 2017.

An. 5 $M = Sales, Profit$

$D = Region$

$Filter = year (2017)$

Business problem 6: Show relative percentage of sales and profit by region for the year 2017.

An- 6 $M = Sales, Profit = Y$ 2019

$D = Region = X$

$F = 2019 = F$

$Relative \% = ?$ $S \neq 10 -$ $\downarrow$

$= 20 -$ 12.5%

$= 30 -$ $\overline{25\%}$

$= 20 \nearrow$ 3656

25%

$$\frac{\%^{25}}{\%} \times top = 12.5$$

$$\frac{20}{\%}^{23} \times 100$$

Business problem 7: Find the distribution of the number of quantities sold based on the quantity bins.

An. 7   M = quantity   = Y

                D = $\frac{1}{2}$ qty ^{bus} = X

| quantity = 1, 2, 3, 4, 5 . . . .   14 | ✓ |

(0, 1)   ⊥   6 - 12
bus   0 - 2   12 - 14
② ② - 4. (2, 5)   14 - 16
                 4   - 6
②   6 - 8
                 8 - 10

Y
↑
(qty)   X

bus
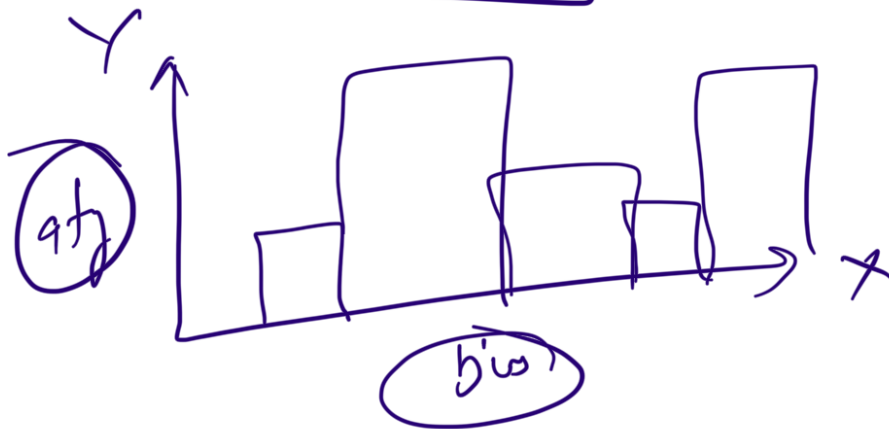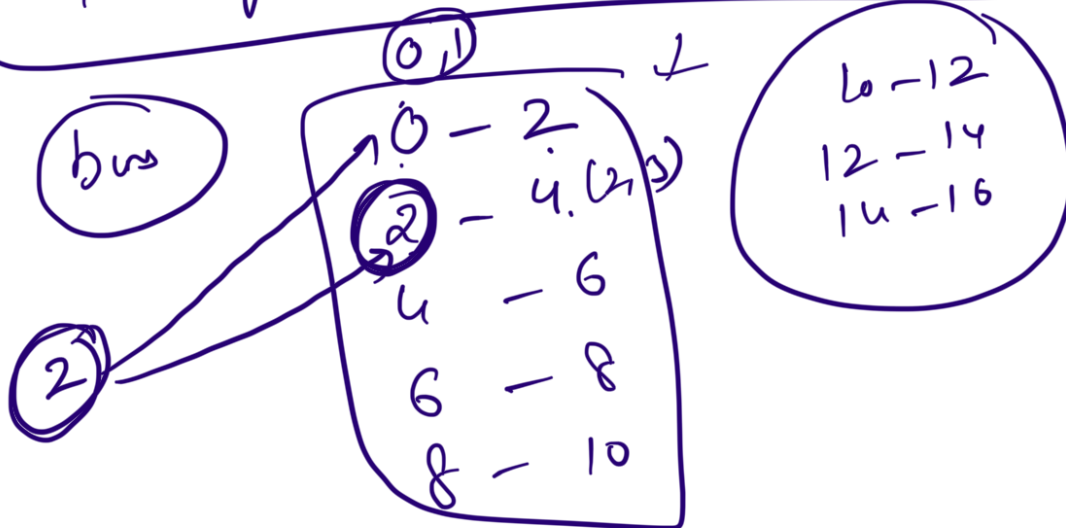
Find the per year CO2 emissions of top 10 countries where CO2 emissions >= 2K kt.

An. 8   M = CO_2 emi   = Y

                D = ^{Countries} = X

Display sales of for each subcategory by region for all the years in a table format.

Ans. 9 $M = Sales = Y$

$D = Subcategory, = X$
                   Region
                   years

Display sales of for each subcategory by region for all the years in a table format and highlight values that have the highest and lowest sales.

Ans. 10 $M = Sales$

$D = Subcategory, region, years$

Display the sales and profit for each subcategory by region for all the years in a table format.

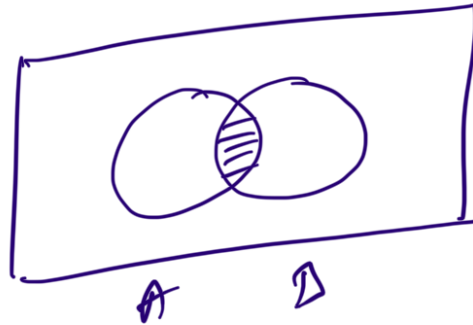Ans. 11 $M = Sales, Profit$

$D = SC, Region, years$

Create a group called "small items" which includes Binder, Bookcases, Envelope, Fastener, Supplies and compare its sales with the rest of the sub-categories.

An.12

Create a set of customers with the highest profit.

An.13　(10 Customers)

A∩B
A∪B
A−B
B−A ....

Set are Custom fields that are used to keep a subset of data based on a Condition.

$M = Profit = Y$

$D = (Cid / Cname) ≠ X$

10