



# Agenda

↳ Quick Revision

↳ Dims

↳ Order of operation

↳ Abs val vs Rel values

① Extract

② Data source

③ Enter

④ Quick

↳ Dims

↳ Measure

⑤ Calc

↳ Table calc.

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## Agenda

- ↳ Groups & Sets =
- ↳ More type of chart —
  - ↳ TreeMap —
  - ↳ Tables in Tableau —
- ↳ Connections in Tableau
  - ↳ Live —
  - ↳ Extract —
- ↳ Hierarchy
- ↳ (Calculated fields)
  - ↳ Types of Calc.
  - ↳ Aggregation

↳ Base level

↳ low level

↳ Aggregate level  
(column level)

Q

Products Name	Sales
a	100
b	20
c	300
d	30
e	400

(New Products) ←

[Q3 '2022]

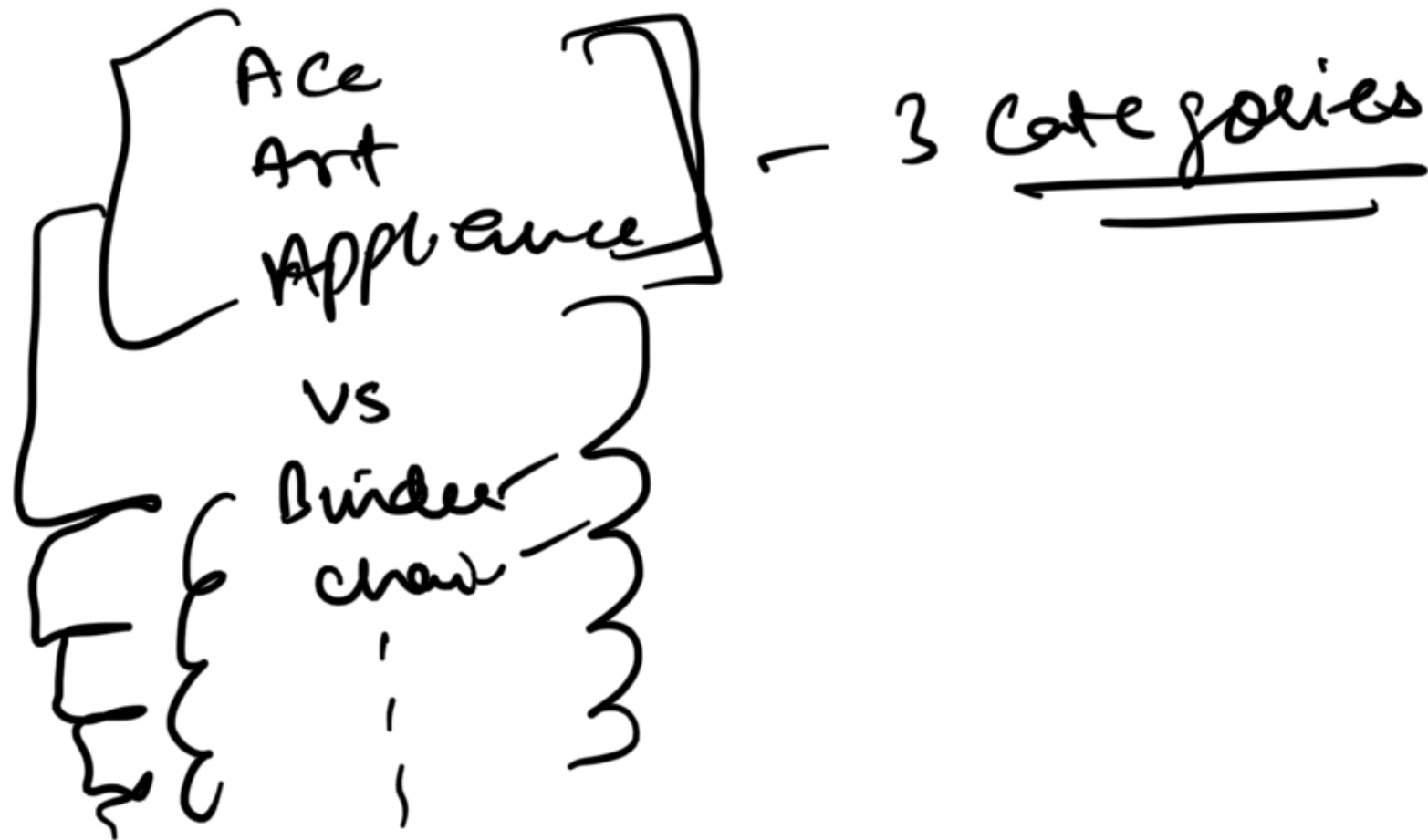
Comparison b/w New and existing products?  
Sum (Sales) of . . . vs sum (Sales) of . . .  
existing products

New Products

existing products

① Groups

↳ Cat within Cat.



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② Sets

↳ Subset of data.

- ↳ Static sets →
- ↳ (Dynamic sets)
- ↳ Combined sets

= Top 10 Customers by Sales? All  
↳ Central Region only?

Group  
↳ Category within Category

↳ Static

↳ Dim & Measures

Sets  
↳ Subset of data

↳ Can be dynamic

↳ Only on Dim

↳ All groups of attributes

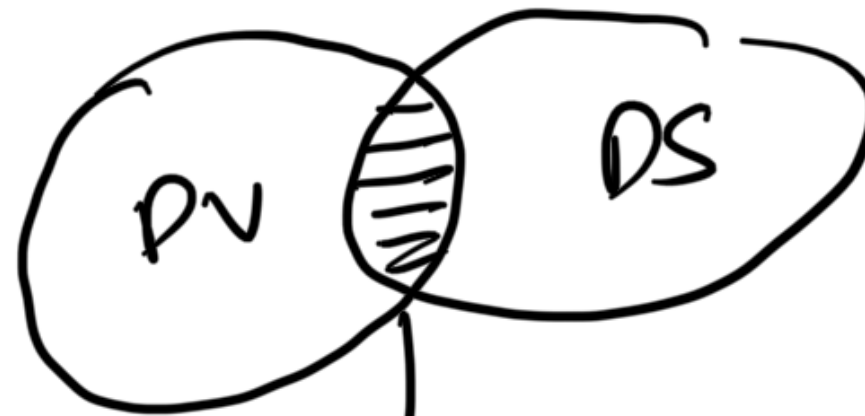
↳ No intersection

↳ Binary Output  
↳ In/Out format

↳ Intersection is possible

Q ① [ Top 50 customers by sales ]  
② [ Bottom 50 customers by profit ]  
Common customers b/w these two sets?

Scales (100)



[Inner Join  
Common Results  
Intersection]


Combined Sets





  
↳ All members (Full join)

↳   
↳ Intersection / common members

↳   
↳ Left - intersection

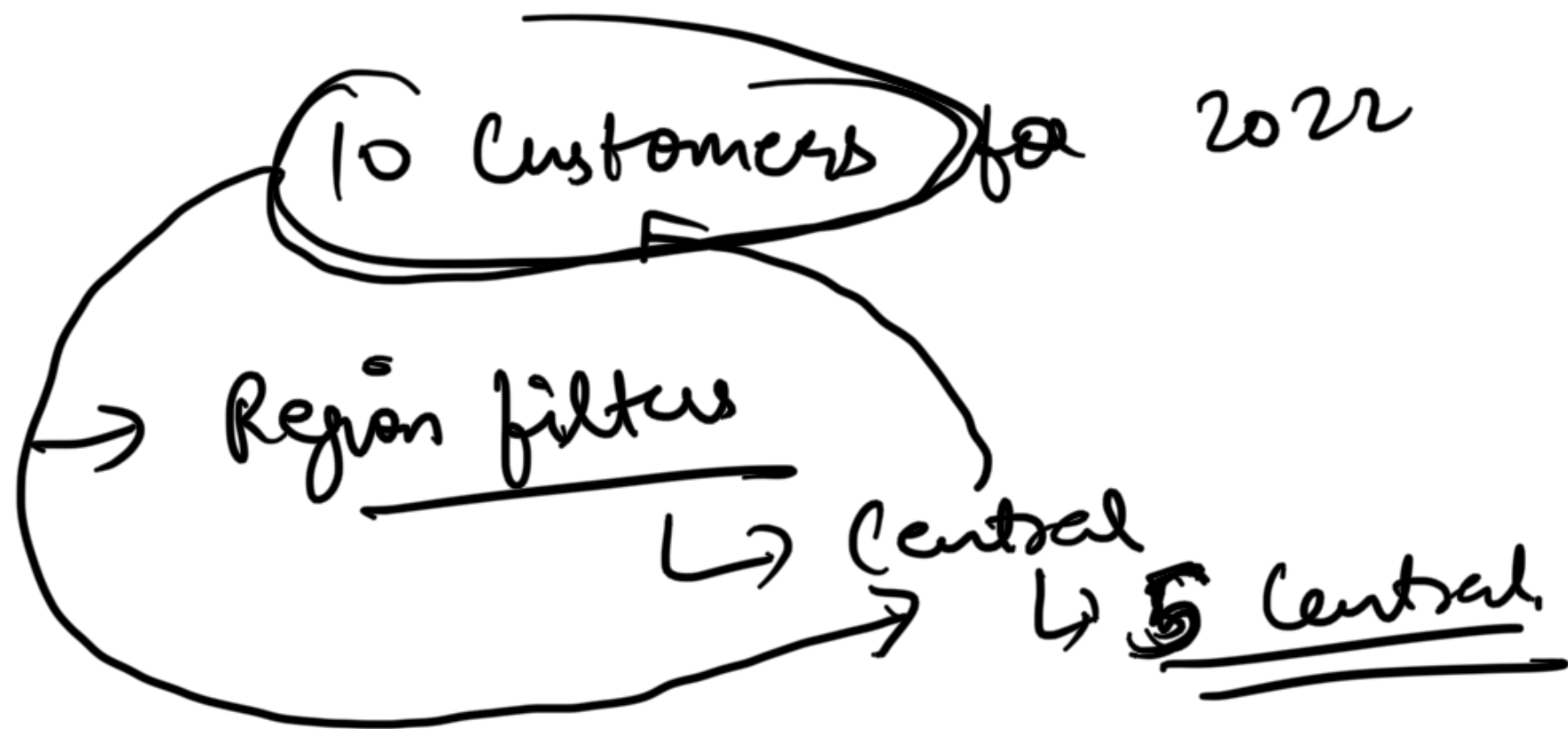
↳   
↳ Right - intersection

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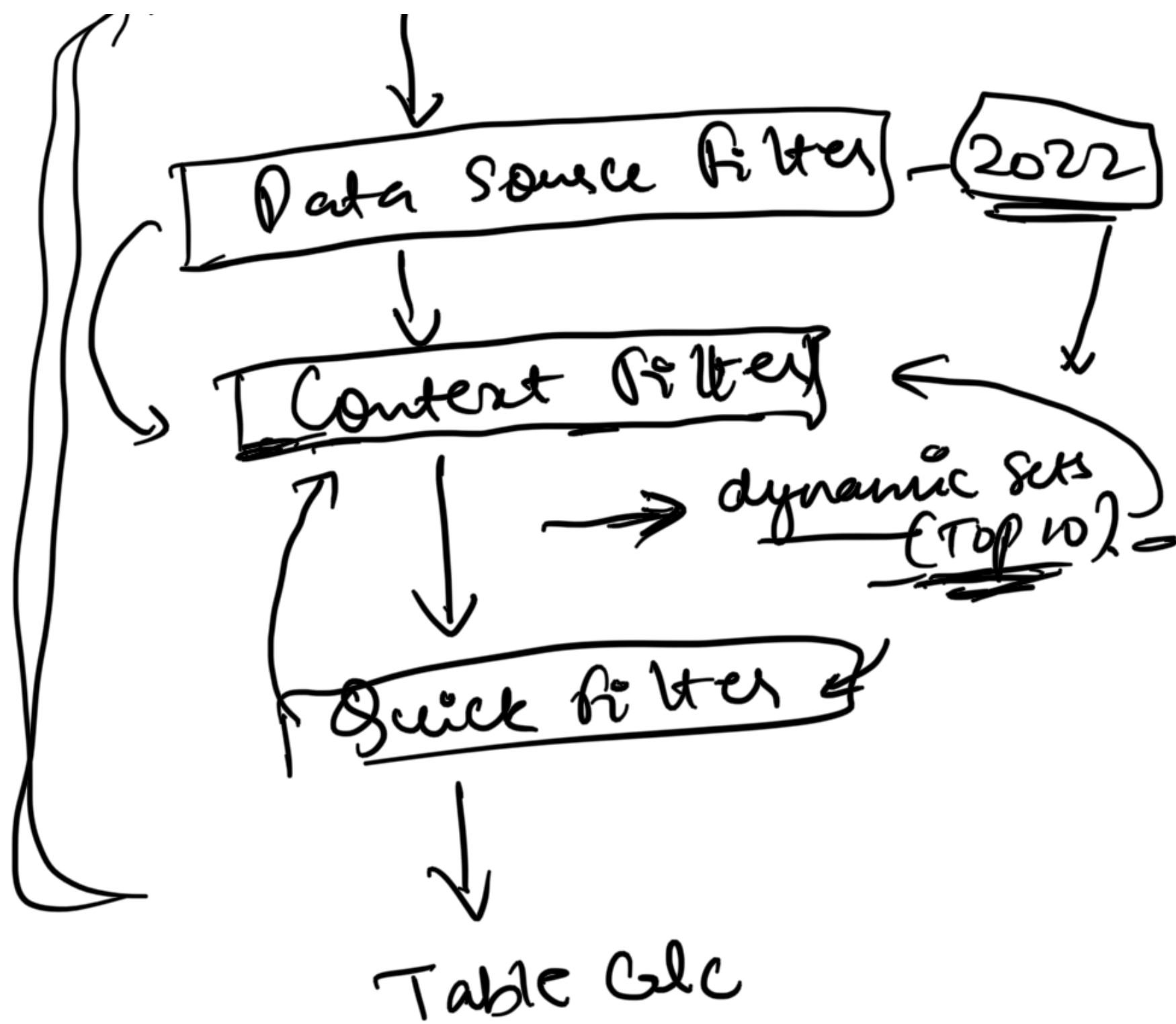
~~Q~~ Q Analyse sales across sub-categories  
for each segment?

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Top 10 customers by sales  
↳ [all data for 2022]



Extract filter



Top 10 = Region 5 - 10  
Content

Changing to to

Region = Top 10

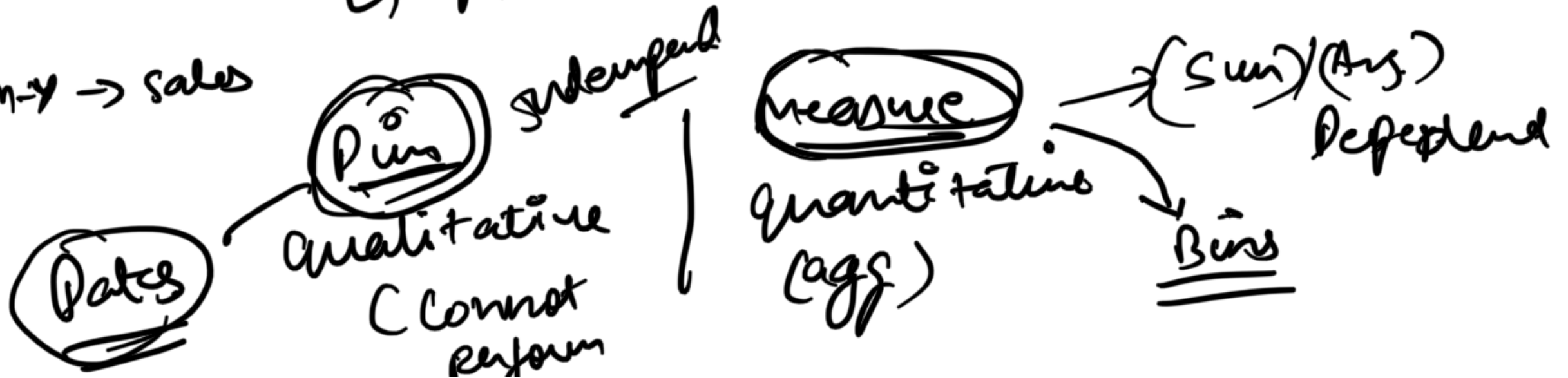
↳ C = Top 10

E = Top 10

## Groups

- ↳ New - ③
- ↳ Existing → ③
- ↳ Phase out → Rest

M-Y → sales



$$C \otimes D \rightarrow M \rightarrow$$

$$0 \text{ app}$$

Characteristics of a field.

finite  $\textcircled{D} / \textcircled{C}$  infinite

1 2 3 4

$$[D \xleftrightarrow{\quad} 2 \quad m]$$

$$[D \xleftrightarrow{\quad} C]$$