Agenda → Tableau

Kick-off → flavour!!

DB → DV → Publishing

Excel
↓
SQL, Aws

Bar / Line / Scatter
Marks
↳ Dynamic

Public
↓
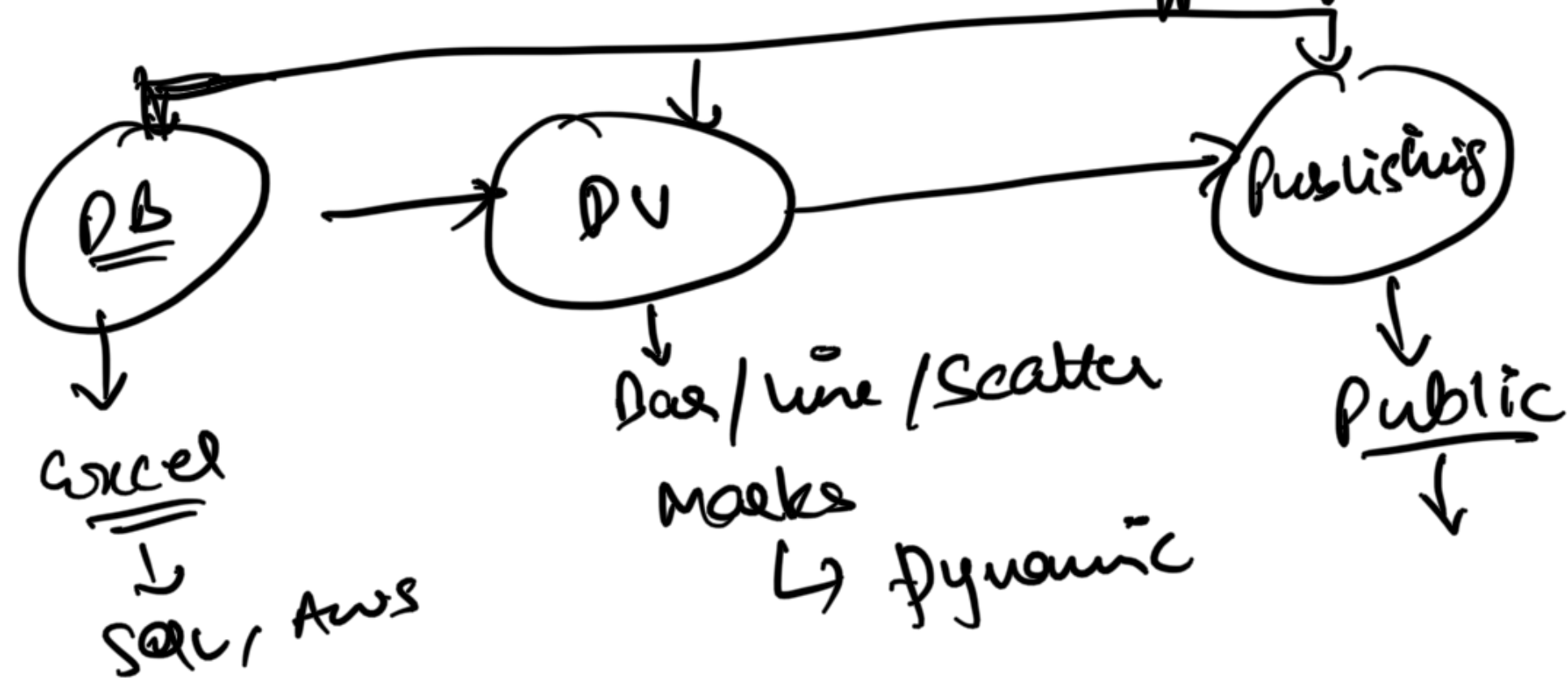
(functionalities / More types of charts)

↳ Marks
↳ Bar / Line chart

$\hookrightarrow$ Scatter Plot (Such...)

$\hookrightarrow$ Custom Shapes

$\hookrightarrow$ Color palettes

$\hookrightarrow$ Tooltips (charts in tooltips)

Agenda

'All values

$\hookrightarrow$ All the values irrespective of the selection

Relevant values

$\hookrightarrow$ Cascading effect for the quick filters

$\hookrightarrow$

Order of Operations

$$\varepsilon \rightarrow \vec{D} \rightarrow C \rightarrow \vec{Q} \rightarrow T$$

= Create a sales strategy for Christmas week!

↓

Q Impact of Discount buckets on sales?

0-10%
10-20%   } — product level.

20-30%

[Bins]
⤷ Range of values]
⤷ histograms
⤷ are fancy bar charts based on Range of values!!

$$\text{Size of Bins} = \frac{(\text{largest value} - \text{smallest value})}{\text{Number of Bins}}$$

⤷ super Sale

$[40-50 \%] \Rightarrow ===$

H.W ___ Strategize the Sales for
thanks-giving?

5 mins Break!!!

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8 Relative Distribution% of Sales across
Regions??
↓
Compare Sales% across Regions?
↓
$[100 \%]$

Central   20%
west   30%
South   40%
East   10%

Stacked Bar — One Pim
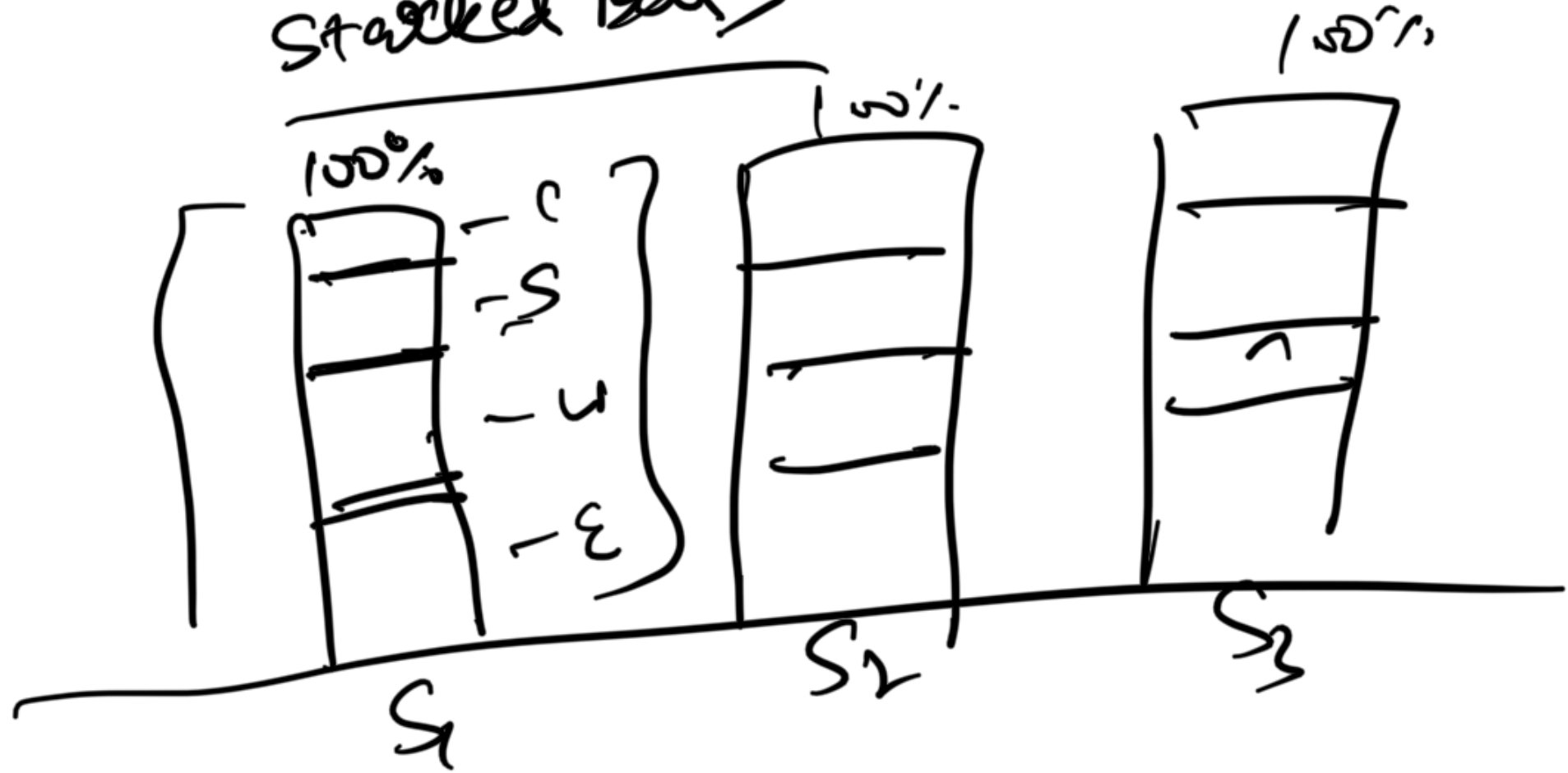
Visualization

Data Transformation ⟶ Analytics

Tabular Structure
↳ Wide data format ⎤
↳ Long data format. ⎦

= Table (T1) ⟶ ⟶ (long)

Cats	SubCat	Sales
		100

x	s	200	
x	C	300	
x			

Recommend format to urgent ↓

C

T_2

Sub

Cat	@	V	e
x	100	200	300
r			b

→ wide
↓
Column metrics

OH

S. No	Y	N	
1	0		
2	0		
3			

$$\begin{vmatrix} 2 \\ r \\ r \\ \vdots \\ 0 \end{vmatrix} \begin{vmatrix} 0 \\ 0 \\ -1 \end{vmatrix} \begin{vmatrix} 0 \\ 0 \end{vmatrix} \end{vmatrix}$$