



DASHBOARD & VISUALISASI DATA

UNIVERSITAS KRISTEN KRIDA WACANA

Dashboard

Layout

Device Preview

Size

Desktop Browser (1000 x 800)

Sheets

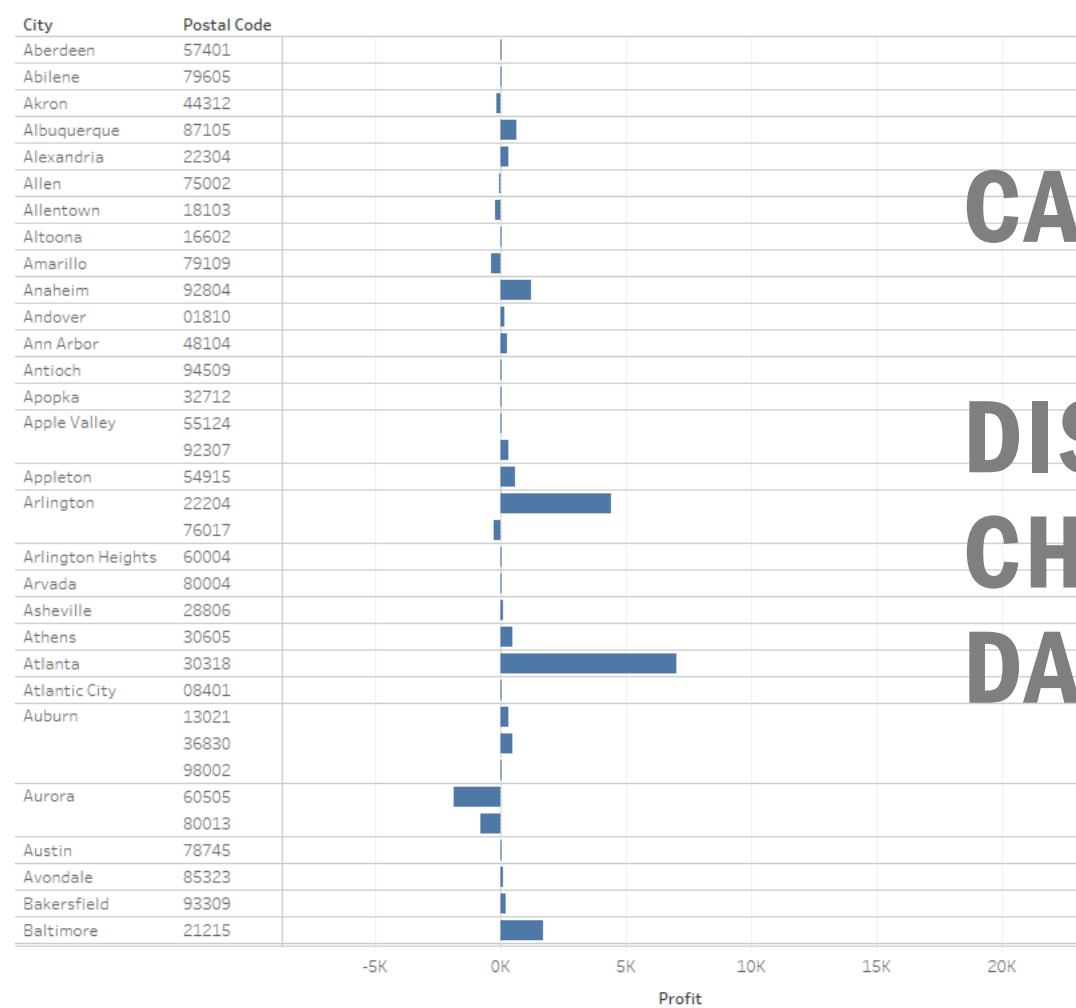
- Sheet 1
- Sheet 2
- Sheet 3
- Sheet 4

Objects

- Horizontal
- Vertical
- Text
- Image
- Web Page
- Blank
- Extension

Tiled Floating

Show dashboard title

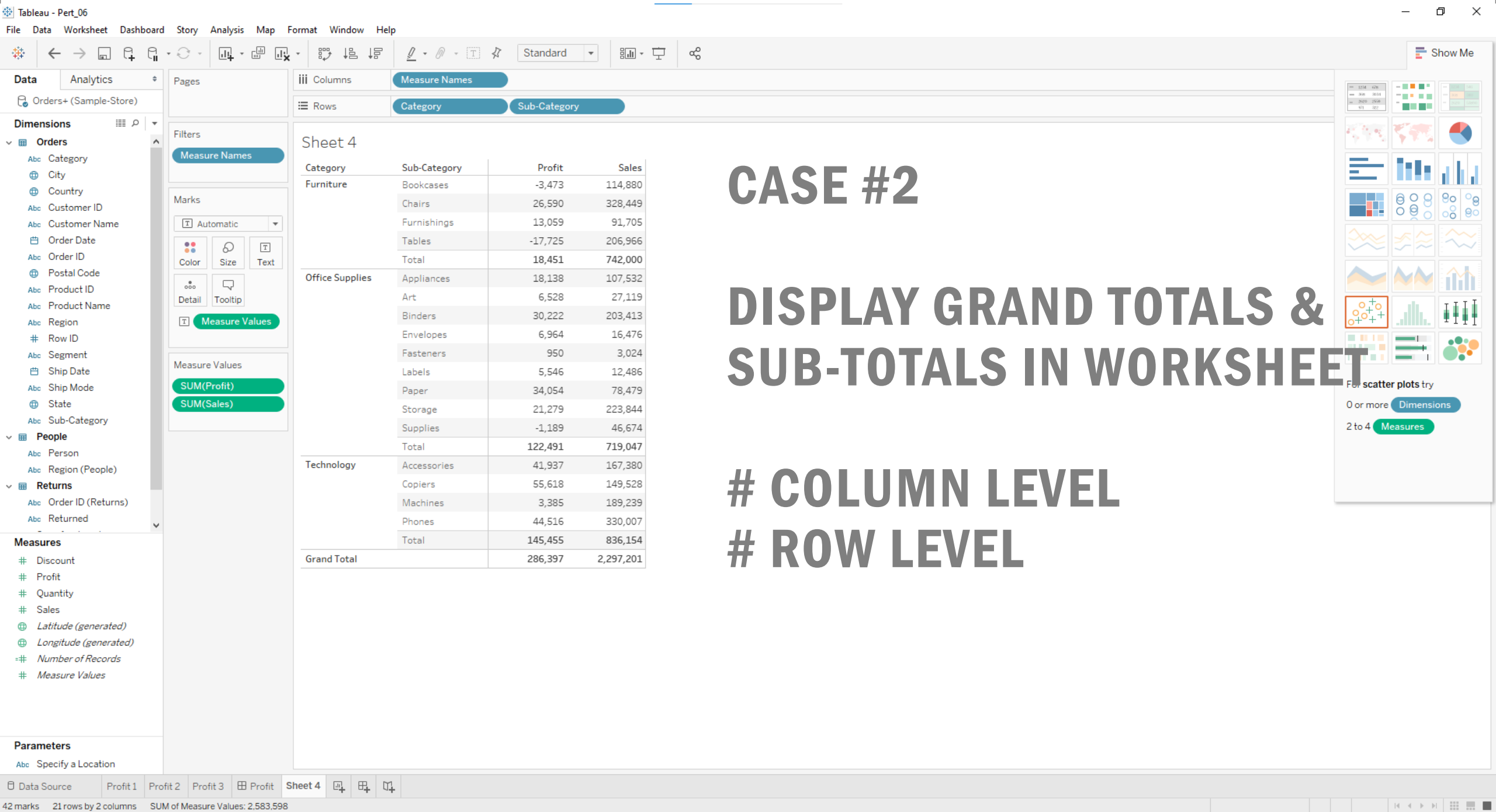


Specify a Location

City

CASE #1

DISPLAYING MULTIPLE CHARTS DYNAMICALLY IN A DASHBOARD



CASE #2

DISPLAY GRAND TOTALS & SUB-TOTALS IN WORKSHEET

COLUMN LEVEL

ROW LEVEL

Sheet 4

Category	Sub-Category	Profit	Sales
Furniture	Bookcases	-3,473	114,880
	Chairs	26,590	328,449
	Furnishings	13,059	91,705
	Tables	-17,725	206,966
	Total		18,451
Office Supplies	Appliances	18,138	107,532
	Art	6,528	27,119
	Binders	30,222	203,413
	Envelopes	6,964	16,476
	Fasteners	950	3,024
	Labels	5,546	12,486
	Paper	34,054	78,479
	Storage	21,279	223,844
	Supplies	-1,189	46,674
	Total		122,491
Technology	Accessories	41,937	167,380
	Copiers	55,618	149,528
	Machines	3,385	189,239
	Phones	44,516	330,007
	Total		145,455
Grand Total		286,397	2,297,201

Show Me

For scatter plots try

0 or more Dimensions

2 to 4 Measures



Data Analytics

Orders+ (Sample-Store)

Dimensions

Orders

- Abc Category
- City
- Country
- Abc Customer ID
- Abc Customer Name
- Order Date
- Abc Order ID
- Postal Code
- Abc Product ID
- Abc Product Name
- Abc Region
- # Row ID
- Abc Segment
- Ship Date
- Abc Ship Mode
- State
- Abc Sub-Category
- People**
- Abc Person
- Abc Region (People)
- Returns**
- Abc Order ID (Returns)
- Abc Returned

Measures

- # Discount
- # Profit
- # Quantity
- # Sales
- Latitude (generated)
- Longitude (generated)
- Number of Records
- Measure Values

Parameters

- Abc Specify a Location

Pages

Filters

YEAR(Order Date)

Marks

Automatic

Color Size Text

Detail Tooltip

SUM(Sales) ▲

SUM(Sales)

Columns

Segment

Rows

YEAR(Order Date)

QUARTER(Order ..)

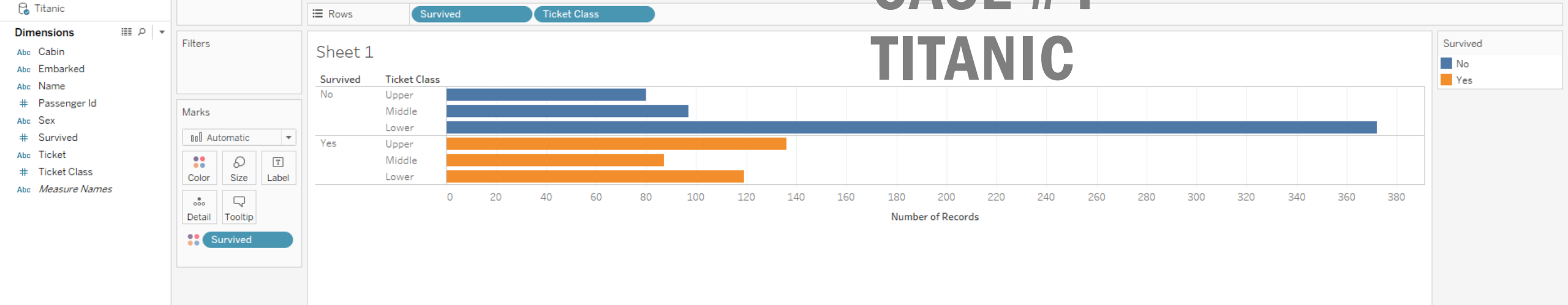
Sheet 6

Year of Order Date	Quarter of ..	Segment			Grand Total
		Consumer	Corporate	Home Office	
2016	Q1	50,06% 46,672	28,51% 26,578	21,44% 19,987	100,00% 93,237
	Q2	51,54% 70,139	31,17% 42,418	17,29% 23,525	100,00% 136,082
	Q3	55,06% 79,165	30,54% 43,915	14,40% 20,707	100,00% 143,787
	Q4	42,73% 100,888	39,90% 94,195	17,37% 41,016	100,00% 236,099
	Total	48,73% 296,864	34,00% 207,106	17,27% 105,235	100,00% 609,206
2017	Q1	51,84% 63,842	29,85% 36,755	18,31% 22,547	100,00% 123,145
	Q2	37,65% 50,368	36,44% 48,738	25,91% 34,659	100,00% 133,764
	Q3	48,14% 94,478	33,79% 66,309	18,07% 35,465	100,00% 196,252
	Q4	44,00% 123,217	32,15% 90,046	23,85% 66,792	100,00% 280,054
	Total	45,27% 331,905	32,98% 241,848	21,75% 159,463	100,00% 733,215

CASE #3

QUICK TABLE CALCULATIONS

CASE #4 TITANIC



Variable	Definition	Key
Survived	Survival	0 = No, 1 = Yes
Pclass	Ticket class	1 = 1st, 2 = 2nd, 3 = 3rd
Sex	Sex	
Age	Age in years	
Sibsp	# of siblings / spouses aboard the Titanic	
Parch	# of parents / children aboard the Titanic	
Ticket	Ticket number	
Fare	Passenger fare	
Cabin	Cabin number	
Embarked	Port of Embarkation	C = Cherbourg, Q = Queenstown, S = Southampton

Pclass: A proxy for socio-economic status (SES)
 1st = Upper
 2nd = Middle
 3rd = Lower

Age: Age is fractional if less than 1. If the age is estimated, is it in the form of xx.5

Sibsp: The dataset defines family relations in this way...
 Sibling = brother, sister, stepbrother, stepsister
 Spouse = husband, wife (mistresses and fiancés were ignored)

Parch: The dataset defines family relations in this way...
 Parent = mother, father
 Child = daughter, son, stepdaughter, stepson
 Some children travelled only with a nanny, therefore parch=0 for them.