

inviso

Tableau Workshop ($\frac{1}{3}$)

Rasmus Gars Holm



Cand. Polit

Inviso for 2 years

Alteryx and Tableau - Training and Consulting



PLEASE

ASK A LOT OF QUESTIONS

— AGENDA —

Introduction and Demo

Hands-on (Input and simple charts)

Data Structure

Follow-along (Filters, Functions and Calculations)

Dashboards / Stories

Hands-on (Dashboards)

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Where to find more knowledge

Tableau public — Get inspired:

<http://bit.ly/1kmj2dO>

Input and simple charts

Input Data	Eurovision Data - Download and load
Bar Chart	Which Countries have participated most often? (In total in the Finals)
Line Chart	When have any country performed best?
Map	Who have hosted the different years?
Scatterplot	Are the good songs winning? (Points vs. Song Quality)

10 Min Break

<https://www.timeanddate.com/countdown/create>

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Data Structure

	A	B	C	D	E	F	G	H	I
1									
2	Second Class								
3		Category	City	Country	Order ID	Order Priority	Ship Date	Sales	Shipping Cost
4		Office Supplies	Budapest	Hungary	HU-2011-1220	High	05/01/12	66,12	8,17
5		Office Supplies	Constantine	Algeria	AG-2011-2040	Medium	06/01/12	408,3	35,46
6		Furniture	Wagga Wagga	Australia	IN-2011-47883	Medium	08/01/12	113,67	4,7
7		Office Supplies	Wagga Wagga	Australia	IN-2011-47883	Medium	08/01/12	55,242	1,8
8		Office Supplies	Wagga Wagga	Australia	IN-2011-47883	Medium	08/01/12	120,366	9,72
9		Office Supplies	Stockholm	Sweden	IT-2011-3647632	High	05/01/12	44,865	4,82
10		Technology	St. Catharines	Canada	CA-2011-1510	Medium	06/01/12	314,22	24,1
11		Furniture	Papakura	New Zealand	ID-2011-80230	Low	09/01/12	159,444	10,07
12		Furniture	Papakura	New Zealand	ID-2011-80230	Low	09/01/12	68,868	8,17
13		Technology	Papakura	New Zealand	ID-2011-80230	Low	09/01/12	69,3	8,34
14		Technology	Papakura	New Zealand	ID-2011-80230	Low	09/01/12	912,456	107,1
15		Office Supplies	Dar es Salaam	Tanzania	TZ-2011-7370	Medium	08/01/12	81,24	5,11
16		Furniture	Southport	United Kingdom	ES-2011-4869686	Medium	07/01/12	854,49	12,56
17		Technology	Mixco	Guatemala	MX-2011-160234	Medium	07/01/12	195,2	8,431
18		Office Supplies	Nakhon Ratchasima	Thailand	ID-2011-12596	Medium	08/01/12	135,1182	7,74
19		Furniture	Manila	Philippines	IN-2011-65159	High	07/01/12	211,1805	21,32
20		Office Supplies	Manila	Philippines	IN-2011-65159	High	07/01/12	6,006	0,8
21		Office Supplies	Manila	Philippines	IN-2011-65159	High	07/01/12	337,6395	33,75
22									
23	Standard Class								
24		Category	City	Country	Order ID	Order Priority	Ship Date	Sales	Shipping Cost
25		Office Supplies	Sydney	Australia	IN-2011-79397	Critical	03/01/12	35,883	7,46
26		Furniture	Mosul	Iraq	IZ-2011-4680	High	07/01/12	666,84	81,26
27		Office Supplies	Mosul	Iraq	IZ-2011-4680	High	07/01/12	47,43	3,57
28		Office Supplies	Mashhad	Iran	IR-2011-7690	High	08/01/12	51,84	5,91
29		Technology	Kuching	Malaysia	IN-2011-33652	Medium	09/01/12	192,87	10,4
30		Office Supplies	Yazd	Iran	IR-2011-770	Medium	07/01/12	122,58	8,41
31		Office Supplies	Yazd	Iran	IR-2011-770	Medium	07/01/12	16,71	0,54
32		Office Supplies	Yazd	Iran	IR-2011-770	Medium	07/01/12	62,34	5,16
33		Office Supplies	Pilar	Brazil	US-2011-136007	Medium	11/01/12	74,304	7,042
34		Office Supplies	Valence	France	ES-2011-4939443	Medium	08/01/12	139,77	10,78

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29	Standard Class	Office Supplies	Valence	France	ES-2011-4939443	Medium	08/01/12	139,77	10,78
30	Standard Class	Office Supplies	Birmingham	United Kingdom	IT-2011-2942451	Medium	09/01/12	26,64	2,11

Filters, Functions and Calculations

Input Data

Superstore - Sample

Filters

Sales per Cat- and Subcategory (filter out Technology)

Group and Hierarchy

Create a new group and Hierarchy

Calculated Field

Calculating Profit Ratio (Profit/Sales)

Table Calculation

Running Sum of Sales

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Dashboards / Stories

Hands-on ([Dashboards](#))

Data Source

<http://share.inviso.dk/OLdata>

Where to find more knowledge

Training videos:

<http://bit.ly/1m2LiGp>

Tableau public — Get inspired:

<http://bit.ly/1kmj2dO>

Tableau forum

<http://bit.ly/1lqcoV3>

Videos about analysis

<http://bit.ly/QRjruN>

Tableau knowledge center

<http://bit.ly/1nWQsXA>

Blogs

<http://bit.ly/1ixQK0G>

FINAL REMARKS

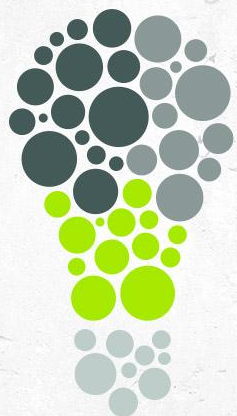
Sum up - What have we learned today?

What would you like to learn next?

Courses hosted by Inviso

Alteryx and Tableau partners

[Inviso.dk/events](https://inviso.dk/events)



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