

TABLEAU_DE_EU_US_In Class_Session4

TABLEAU_DE08_S04

Training Clarusway

Pear Deck - May 17, 2024 at 9:35AM

Part 1 - Summary

Use this space to summarize your thoughts on the lesson

Part 2 - Responses

Slide 1



Data Visualization with Tableau
Session 4



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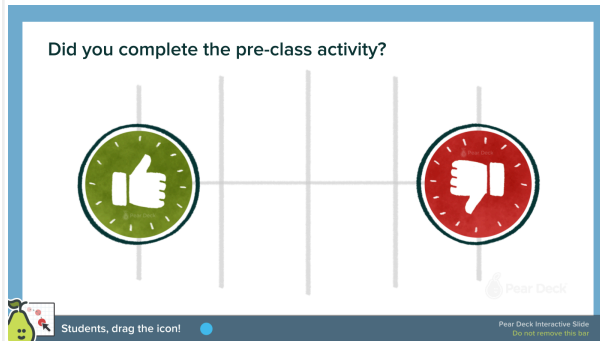
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Slide 2

Your Response



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Slide 3

Table of Contents

- ▶ Sorting your Data
- ▶ Creating Groups & Hierarchies & Sets

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Slide 4

Objective

- Sorting your data
- Creating groups from members of a dimension
- Creating hierarchies among the fields having a hierarchical relation

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Slide 5

Sorting your Data

There are many ways to sort data in Tableau.



- Single click options from
 - axis
 - header
 - field label
- Sorting manually in headers and legends
- Using the toolbar sort icons
- Sorting from the sort menu

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Slide 6

Group Your Data



You can create a group to combine related members in a field. For example, if you are working with a view that shows average test scores by major, you might want to group certain majors together to create major categories. English and History might be combined into a group called Liberal Arts Majors, while Biology and Physics might be grouped as Science Majors.

Major	Score
English	60
History	70
Biology	90
Physics	60

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Slide 7

Group Your Data



Groups are useful for both **correcting data errors** (e.g., combining CA, Calif., and California into one data point) as well as **answering "what if" type questions** (e.g., "What if we combined the East and West regions?").

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Slide 8

Group Your Data

Major	Score	Grouped Major	Average Score
English	60	Arts	65
History	70		
Biology	90	Science	75
Physics	60		

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Slide 9

Creating Hierarchies



A hierarchy allows us **organize different dimensions into a structure** that can be expanded or collapsed inside of our view. It is very common to create hierarchies from geo-fields.



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Slide 10

Sets



What are Tableau Sets?

Tableau Sets are **custom fields** used to hold the **subset of data** based on a given condition. In real-time, you can create a set by selecting members from the list or a visualisation. You can also do the same by writing custom Conditions or Selecting Top/Bottom few records in a Measure.

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Slide 11

Sets



Dynamic Sets

The members of a dynamic set **change** when the underlying data changes. Dynamic sets can only be based on a single dimension.

Fixed Sets

The members of a **fixed** set do not change. A fixed set can be based on a single dimension or multiple dimensions.

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Slide 12

Wrap-up

- Sorting your Data
- Creating Groups & Hierarchies & Sets



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Slide 13

Did you get the Session?

An interactive interface for session feedback. It features a green circular thumbs-up icon on the left and a red circular thumbs-down icon on the right. Between them is a vertical line with a horizontal crossbar. Below the icons is a blue bar with the text "Students, drag the icon!" and a blue dot. At the bottom right, it says "Peer Deck Interactive Slide" and "Do not remove this bar".

Students, drag the icon!

Peer Deck Interactive Slide
Do not remove this bar

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Your Response

Did you get the Session?

An interactive interface for session feedback, similar to the one in Slide 13. It features a green circular thumbs-up icon on the left and a red circular thumbs-down icon on the right. Between them is a vertical line with a horizontal crossbar. A blue dot is positioned on the thumbs-up icon. Below the icons is a blue bar with the text "Students, drag the icon!" and a blue dot. At the bottom right, it says "Peer Deck Interactive Slide" and "Do not remove this bar".

Students, drag the icon!

Peer Deck Interactive Slide
Do not remove this bar

Slide 14

THANKS!

Any questions?

You can find us at:

▸ [#questions-answers @Slack](#)

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