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Free Trial

Weekly Challenge

Solve the challenge, share your solution and summit the ranks of our Community!

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IDEAS WANTED
We're actively looking for ideas on how to improve Weekly Challenges and would love to hear what you think!
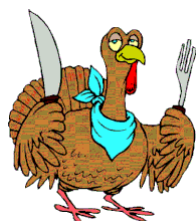**SUBMIT FEEDBACK** ▸

Challenge #50: Preparing Survey Data

GeneR
Alteryx Alumni (Retired)

The link to last week's challenge is HERE.

Happy thanksgiving to the USA based challenge participants, hopefully you are hungry for another exercise. This week we will continue with some more data parsing and preparation with survey data. Enjoy!

Use Case: The 2 sources of data contain survey information. The Data input contains all of the survey responses. The Questions input contains the associated questions.

The column (called Column) in the Questions file corresponds to the field header value in the Data file, so value 38 in the Questions files is the questions associated with field F38 in the Data file.

The first row in the Data file contains the response type. In field F38, the data is formatted as Response (Scale 1-10) - Age Range.

Objective: Create an output file for a visualization tool (Tableau, Qlik, PowerBI) that details the response by age for each individual.

📎 **challenge_50_start_file.yxmd**
📎 **challenge_50_solution.yxmd**

Data Analysis   Intermediate   Join   Preparation   Transform

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dataMack
12 - Quasar

If you need some hints on how survey data would be used in a a tool like Tableau, I highly recommend checking out Steve Wexler's blog- he's written extensively about dealing with and visualizing survey data:
http://www.datarevelations.com/category/visualizing-survey-data-and-likert-scales

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MichelKars
6 - Meteoroid

▷ Spoiler

Share   👍 0 LIKES   Reply

▷ Spoiler

Share   0 LIKES   Reply

TaraM
Alteryx

A solution has been posted

▷ Spoiler

Tara McCoy

Share   0 LIKES   Reply

SeanAdams
17 - Castor

good challenge

▷ Spoiler

📎 **challenge_50_SeanSolution.yxmd**

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NicoleJohnson
15 - Aurora

My solution!

▷ Spoiler

📎 **challenge_50_NicoleJohnson.yxmd**

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estherb47
15 - Aurora

50 solutions!!

Had to fix the data (qs 28 and 38 were reversed in the Questions source)

Otherwise, same solution as many. Wish that the questions matched the Data so that I could have cleaned all of it up for vizzes.

📎 **challenge_50_EHB_solution.yxmd**

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SeanAdams
17 - Castor

AWESOME! You're probably only the 3rd or 4the person to hit the 50 Mark!

@JoeM - this looks like it is going to be an epic sprint to be first to cross the 75 Mark. Do you think we can get live coverage of this on some Extreme Sports show? Just 7 more weeks to go, if my brain is working right....

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JoeM

Alteryx Alumni (Retired)

@SeanAdams, I'll submit a request for a live feed for Challenge #75 to be broadcast on ESPN 8 - "The Ocho". :)

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La

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