2019: Week 7

March 27, 2019

Following the success of Chin & Beard Suds Co, we've been informed by our distribution company that they're having some technical difficulties, so we'd like to step in and offer our professional assistance.

The Scenario

A shipping distribution company transports valuable cargo for customers all around the world using three different types of boat. They keep the basic details for each departure in a table called Departure Details.

A snippet of the Departure Details table.

They sell and allocate space on their departures based on the weight and volume of the cargo. They keep the details of each allocation in a table called Allocation Details.

A snippet of the Allocation Details table.

In the last 3 months they've begun noticing issues where more weight or volume is being allocated than the boats can actually carry. This means customers are turning up at the port with cargo which the company is then having to turn away and refund. They want to identify and flag departures with weight or volume allocation issues before the day of departure.

The Requirements

1. Download the input file.
2. Figure out how much weight and volume has been allocated for each departure in the Allocation Details table.
3. Find a way to flag departures on the Departure Details table which have had too much cargo weight or volume allocated.

The Output

1. One table designed to replace the original Departure Details table.
2. 8 fields total (4 original & 4 new).
3. 58 rows.
4. Two new fields called **[Allocated Weight]** & **[Allocated Volume]** which contain the allocated weight and volume for each departure.
5. Two more new fields called **[Overweight?]** & **[Overvolume?]** which contain *TRUE* or *FALSE* depending on if there's an issue.

For comparison, here's our output file. Don't to forget to fill in our participation tracker!

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2023: Week 1 The Data Source Bank

January 04, 2023

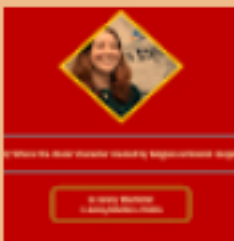Created by: Carl Allchin Welcome to a New Year of Preppin' Data. These are weekly exercises to help you learn and develop data preparation skills. We publish the challenges on a Wednesday and share a solution the following Tuesday. You can take the challenges whenever you want and we love to see y…

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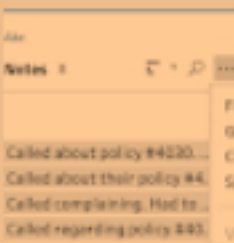
2021: Week 22 - Answer Smash

June 02, 2021

Challenge By: Jenny Martin Recently, my family and I have become quite invested in the TV quiz show Richard Osman's House of Games . The final round is always a round called Answer Smash. In this round you have a picture and question and you have to "smash" the name of the picture with the ans…

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How to...Handle Free Text

January 24, 2020

Free isn't always a good thing. In data, Free text is the example to state when proving that statements correct. However, lots of benefit can be gained from understanding data that has been entered in Free Text fields. What do we mean by Free Text? Free Text is the string based data that comes from allo…

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