edX

Exercise 1: Import Data from a CSV File

Download the file "Lab 3 - Onetable - TXNY.csv".

IMPORTANT!!

- Note that the CSV file used in this lab is not the same as the one used in the lecture!

- The CSV file used in this lab is created using the English - US locale, which means the decimal separator is a period and the thousands separator is a comma, and dates are formatted in m/dd/yyyy format. If you are using local settings like German, French, or others, in which the decimal separator is a comma and the thousands separator is a period, Power Query (or Query in Excel 2016) will ignore the period and treats all digits as numbers. You can change the locale of your Power Query for just the workbook you are using. If you use Excel 2010 or 2013, you can see the locale settings in the Power Query tab. If you are using Excel 2016, it is under New Query / Query settings / Data Load.

Lab Steps

1. Start with a blank Excel file.

2. Import the CSV file by creating a New Query (New Query is found in the Data tab for Excel 2016 and in the Power Query tab for Excel 2013 and 2010).

3. Edit the query before loading the data (remember to select the Edit button from the CSV import dialog box):

   - Remove the following columns (**IsCompete**).

   - Split the **City** column to only contain the **City** and remove the state and country information, since there are already columns for **State** and **Country**.

- Replace the State abbreviation with the **State name** (change NY entries to **New York** and TX entries to **Texas**).

4. Load the data to the Excel data model (remember to select the bottom half of the Close & Load to icon and then select the Close & Load To... option).

Lab Question

2/2 points (graded)
Answer the following questions by reviewing the imported data.

How many rows were imported to the data model? (NOTE: header information is never included in the row counts)

| 5518 | ✔ |

5518

How many columns were imported to the data model?

| 14 | ✔ |

14

| Submit | You have used 1 of 2 attempts

Discussion

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💬 There are 15 columns instead [answer removed by the TA]   2
Just in case

Wrong answer

💬 <u>I was able to import the file and I answered the first question correctly for no. of rows. There is no...</u> 2

💬 <u>whre is the error!!</u> 2
<u>I think that is 33533 rows instead of [*Answer removed by the TA*] as shown in response box. Ma...</u>

? <u>SPLIT CELL AND REPLACE VALUE FUNCTION NOT FOUND IN MS EXCEL 2010?</u> 2
<u>i tried to use use REPLACE VALUE to change TX Texas and NY to New York but this function could ...</u>

💬 <u>Data not load correctly</u> 3

💬 <u>CSV file</u> 10

? <u>Cannot load my csv to data model</u> 3
<u>Hi, after editing my csv, I cannot tick the box "Add this data to the Data Model". How can I solve th...</u>

? <u>Error message</u> 5
<u>Hi, I keep getting this error message (we couldn't get data from the data model. Here's the error ...</u>

💬 <u>I clearly have 33533 rows???</u> 2
<u>But the lab question says otherwise</u>

☑ <u>Download Faiiled</u> 2
<u>When I do the close and load to function it says download failed. I feel like I am doing everything a...</u>

? <u>Count # of Columns</u> 2
<u>Is there an easier way to see the number of columns other than counting them? Is there a column...</u>

💬 <u>Different lab results</u> 6
<u>I've made all the steps, but get completelly other results - 33533 raws and 13 columns. Columns a...</u>

? <u>Cant use power query</u> 2
<u>Hi, I have an issue with power query using Excel 2010. I've downloaded the CSV file and converted...</u>

? <u>Problem with opening of csv file while using 2016 version</u> 6