

Today I applied these alteryx tools to transform data into information. Day 03 #60daysofUdacity

December 12, 2020



Input
Data



Summarize
Data



Filter
Data



Sort
Data

Lesson 01, section 11, Exercise 01

How many stores have more than 300 customers?

Lesson 01, section 11, Exercise 02

Wich city has the most customers?

Rosana Santos





Alteryx Exercise

Now's your opportunity to explore this same data further. Download the **cust_wTransactions.xls** file found at the bottom of the page. Use Alteryx to answer the following questions:

How many stores have more than 300 customers?

Notes: Each customer has been assigned a store that they shop at.

QUESTION 1 OF 2

How many stores have more than 300 customers?

☐ 0

☐ 2

☒ 5

Alteryx Designer x64 - Lesson 01, Section 11, How many stores have more than 300 customers.yxmd

Search for tools, help, and resources

File Edit View Options Help

Favorites < In/Out Preparation Join Parse Transform In-Database Reporting Documentation Spatial Interface Data Investigation Predictive AB Testing

Browse Input Data Output Data Text Input Data Cleansing Filter Formula Sample Select Sort Join Union Text To Columns Summarize Comment

Filter (10) - Configuration

Select Basic or Custom Filter

☒ Basic filter

Count > 300

☐ Custom filter

[Count] > 300

Start Here.yxmd Lesson 01, Section 11, How many stores have more than 300 customers.yxmd Run

How many stores have more than 300 customers?

Lesson 01, section 11, Exercise 01

cust-wtransactions.xls
x
Query="Output\$"

Results - Filter (10) - Out - True

2 of 2 Fields Cell Viewer 5 records displayed Search Data Metadata Actions

Record	Store Number	Count
1	100	357
2	101	313
3	104	306
4	105	351
5	106	318

5

LinkedIn

Windows Taskbar: Digite aqui para pesquisar, R, File Explorer, Edge, VS Code, Mail, 13, Analytics, Chrome, LinkedIn, Alteryx, PowerPoint, Chrome, Network, POR PTB2, 18:49, 12/12/2020, 5

Connect a File or Database

C:\Users\Rosana\Desktop\Udacity_ Creating an Ana

Options

Name	Value
1 Record Limit	
2 File Format	Microsoft Excel (*.xlsx)
3 Table or Query	'Output\$'
4 Search SubDirs	<input type="checkbox"/>
5 Output File Name as Field	No
6 First Row Contains Data	<input type="checkbox"/>



Preview (first 100 records) Refresh

Results - Input Data (1) - Output

11 of 11 Fields Cell Viewer 2,669 records displayed Search Data Metadata Actions

Record	Customer_ID	Store Number	Customer Segment	First Name	Last Name	Address	City
1	10	100	Home Office	PAMELA	WRIGHT	2316 E 5TH AVE	DENVER
2	100	100	Consumer	MELISSA	RUFF	2753 S MILWAUKEE ST	DENVER
3	1000	104	Small Business	CONSTANTI	VLASSIS	16911 E HARVARD AVE	AURORA
4	1002	104	Home Office	AMY	LOCKEMER	3721 S PITKIN CT	AURORA
5	1003	101	Home Office	DANELL	VALDEZ	2925 W COLLEGE AVE	DENVER
6	1005	107	Small Business	JESSICA	RINEHART	4220 W 35TH AVE	DENVER
7	1006	104	Small Business	NANCY	CLARK	8785 CLOVERLEAF CIR	PARKER
8	1008	107	Home Office	ANDREA	BRUN	2080 FENTON ST	DENVER
9	1009	104	Corporate	DENISE	PENTICO	4125C S EVANSTON CIR	AURORA
10	101	100	Consumer	ERNA	ARUSTAMYAN	1137 S BOSTON CT	DENVER
11	1010	105	Home Office	ZAREFA	HAMMAD	1651 BISCAV CIR	AURORA
12	1011	104	Home Office	MURIEL	COULTER	12704 E ASBURY CIR	AURORA

Alteryx Exercise

ENVIAR FEEDBACK

ENVIAR

QUESTION 2 OF 2

Which city has the most customers?

- ☐ Arvada
- ☐ Aurora
- ☐ Broomfield
- ☒ Denver

ENVIAR

Material de apoio

Fields: Select

Field	Type
Customer_ID	V_String
Store Number	V_String
Customer Segment	V_String
First Name	V_String
Last Name	V_String
Address	V_String
City	V_String

Actions: Add ▼

Field	Action	Output Field Name
City	Group By	City
Customer_ID	Count Dist...	Count...

Action Properties
This action has no properties



2 of 2 Fields ▾ Cell Viewer ▾ 20 records displayed ↑ ↓ Search Data Metadata Actions ▾

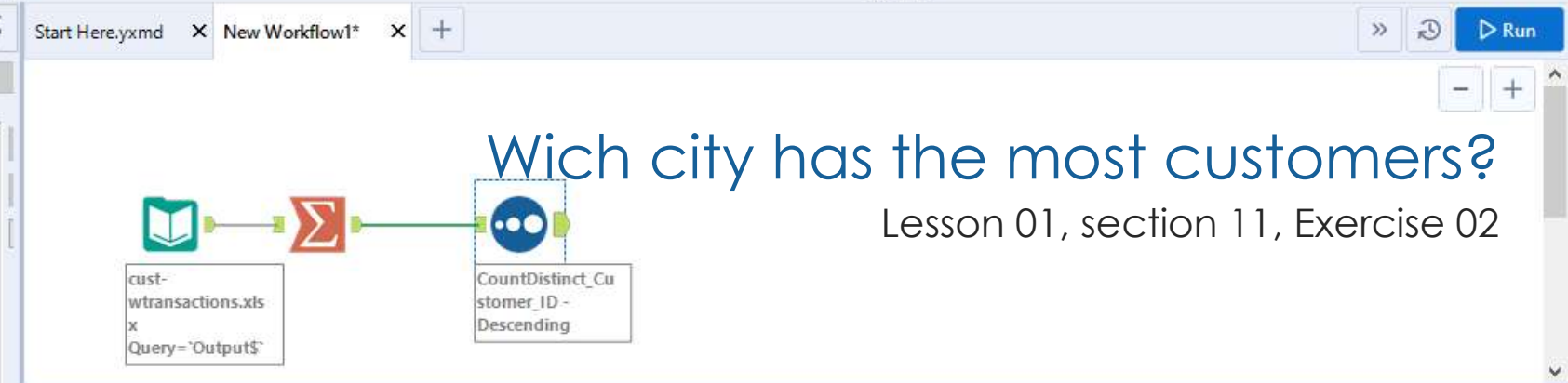
Record	City	CountDistinct_Customer_ID
1	ARVADA	271
2	AURORA	609
3	BOULDER	3
4	BRIGHTON	4
5	BROOMFIELD	161
6	CASTLE ROCK	3
7	COMMERCE CITY	14
8	DENVER	1,166
9	ENGLEWOOD	93
10	GOLDEN	25
11	HENDERSON	1
12	LAFAYETTE	5

Sort (4) - Configuration

☐ Use Dictionary Order Africâner (África do Sul) (Padrão)

Fields

Name	Order
CountDistinct_Customer_ID	Descending
*	



Results - Sort (4) - Output

2 of 2 Fields Cell Viewer 20 records displayed

Record	City	CountDistinct_Customer_ID
1	DENVER	1,166
2	AURORA	609
3	ARVADA	271
4	BROOMFIELD	161
5	LITTLETON	128
6	ENGLEWOOD	93
7	WESTMINSTER	67
8	WHEAT RIDGE	52
9	PARKER	31
10	GOLDEN	25
11	COMMERCE CITY	14
12	LOUISVILLE	14

Denver