

TASK 2 – DATA CLEANING (POWER QUERY)

DETECT AND REMOVE DUPLICATES OR MISSING VALUES

FileHomeTransformAdd ColumnViewToolsHelp

Close & ApplyClose

NewSourceNew Query

RecentSources

EnterData

Data source settingsData Sources

Manage ParametersParameters

Export query resultsOutput Data

Refresh PreviewQuery

PropertiesAdvanced EditorManage

Choose ColumnsManage Columns

Remove Columns

Keep RowsReduce Rows

Remove Rows

Sort

Split ColumnGroup By

Data Type: Whole NumberUse First Row as HeadersReplace ValuesTransform

Merge QueriesAppend QueriesCombine FilesCombine

Queries [4]order_detailsorderspizzatypespizzas

fx

= Table.Distinct(#"Kept First Rows", {"order_details_id"})

123 order_details_id	123 order_id	A6 pizza_id	123 quantity
Valid 100% Error 0% Empty 0%	Valid 100% Error 0% Empty 0%	Valid 100% Error 0% Empty 0%	Valid 100% Error 0% Empty 0%
100 distinct, 100 unique	41 distinct, 15 unique	52 distinct, 29 unique	2 distinct, 1 unique
1	1	1 hawaiian_m	1
2	2	2 classic_dlx_m	1
3	3	2 five_cheese_l	1
4	4	2 ital_supr_l	1
5	5	2 mexicana_m	1
6	6	2 thai_ckn_l	1
7	7	3 ital_supr_m	1
8	8	3 prsc_argla_l	1
9	9	4 ital_supr_m	1
10	10	5 ital_supr_m	1
11	11	6 bbq_ckn_s	1
12	12	6 the_greek_s	1
13	13	7 spinach_supr_s	1
14	14	8 spinach_supr_s	1
15	15	9 classic_dlx_s	1
16	16	9 green_garden_s	1
17	17	9 ital_cpcllo_l	1
18	18	9 ital_supr_l	1
19	19	9 ital_supr_s	1
20	20	9 mexicana_s	1
21	21	9 spicy_ital_l	1
22	22	9 spin_pesto_l	1
23	23	9 veggie_veg_s	1
24	24	10 mexicana_l	1

Query Settings

PROPERTIESNameorder_detailsAll Properties

APPLIED STEPSSourcePromoted HeadersChanged TypeKept First RowsRemoved Duplicates

4 COLUMNS, 100 ROWS Column profiling based on top 1000 rowsPREVIEW DOWNLOADED AT 12:51 PM

FileHomeTransformAdd ColumnViewToolsHelp

Close & ApplyClose

New SourceNew Query

Recent Sources

Enter Data

Data source settingsData Sources

Manage ParametersParameters

Export query resultsOutput Data

Refresh PreviewQuery

PropertiesAdvanced EditorManage

Choose ColumnsRemove ColumnsManage Columns

Keep RowsRemove RowsReduce Rows

Sort

Split ColumnGroup By

Data Type: Whole NumberUse First Row as HeadersReplace ValuesTransform

Merge QueriesAppend QueriesCombine FilesCombine

Queries [4]

order_detailsorderspizza_typespizzas

fx

= Table.Distinct(#"Kept First Rows", {"order_details_id"})

123 order_details_id

Valid 100%Error 0%Empty 0%

100 distinct, 100 unique

123 order_id

Valid 100%Error 0%Empty 0%

41 distinct, 15 unique

Az pizza_id

Valid 100%Error 0%Empty 0%

52 distinct, 29 unique

123 quantity

Valid 100%Error 0%Empty 0%

2 distinct, 1 unique

	order_details_id	order_id	pizza_id	quantity
1		1	hawaiian_m	1
2		2	classic_dlx_m	1
3		3	five_cheese_l	1
4		4	ital_supr_l	1
5		5	2 mexicana_m	1
6		6	2 thai_ckn_l	1
7		7	3 ital_supr_m	1
8		8	3 prsc_argla_l	1
9		9	4 ital_supr_m	1
10		10	5 ital_supr_m	1
11		11	6 bbq_ckn_s	1
12		12	6 the_greek_s	1
13		13	7 spinach_supr_s	1
14		14	8 spinach_supr_s	1
15		15	9 classic_dlx_s	1
16		16	9 green_garden_s	1
17		17	9 ital_cpcllo_l	1
18		18	9 ital_supr_l	1
19		19	9 ital_supr_s	1
20		20	9 mexicana_s	1
21		21	9 spicy_ital_l	1
22		22	9 spin_pesto_l	1
23		23	9 veggie_veg_s	1
24		24	10 mexicana_l	1

4 COLUMNS, 100 ROWSColumn profiling based on top 1000 rows

Query Settings

PROPERTIES

Nameorder_details

All Properties

APPLIED STEPS

Source

Promoted Headers

Changed Type

Kept First Rows

Removed Duplicates

PREVIEW DOWNLOADED AT 12:51 PM

FileHomeTransformAdd ColumnViewToolsHelp

Close & ApplyClose

NewSourceNew Query

RecentSources

EnterData

Data source settingsData Sources

Manage ParametersParameters

Export query resultsOutput Data

Refresh PreviewQuery

PropertiesAdvanced EditorManage

Choose ColumnsRemove ColumnsManage Columns

Keep RowsRemove RowsReduce Rows

Sort

Split ColumnGroup By

Data Type: Whole NumberUse First Row as HeadersReplace ValuesTransform

Merge QueriesAppend QueriesCombine FilesCombine

Queries [4]

order_details

orders

pizza_types

pizzas

fx

= Table.Distinct(#"Kept First Rows", {"order_id"})

123 order_id

date

time

Valid100%

Error0%

Empty0%

Valid100%

Error0%

Empty0%

Valid100%

Error0%

Empty0%

100 distinct, 100 unique

2 distinct, 0 unique

100 distinct, 100 unique

1	1	1/1/2015	11:38:36 AM
2	2	1/1/2015	11:57:40 AM
3	3	1/1/2015	12:12:28 PM
4	4	1/1/2015	12:16:31 PM
5	5	1/1/2015	12:21:30 PM
6	6	1/1/2015	12:29:36 PM
7	7	1/1/2015	12:50:37 PM
8	8	1/1/2015	12:51:37 PM
9	9	1/1/2015	12:52:01 PM
10	10	1/1/2015	1:00:15 PM
11	11	1/1/2015	1:02:59 PM
12	12	1/1/2015	1:04:41 PM
13	13	1/1/2015	1:11:55 PM
14	14	1/1/2015	1:14:19 PM
15	15	1/1/2015	1:33:00 PM
16	16	1/1/2015	1:34:07 PM
17	17	1/1/2015	1:53:00 PM
18	18	1/1/2015	1:57:08 PM
19	19	1/1/2015	1:59:09 PM
20	20	1/1/2015	2:03:08 PM
21	21	1/1/2015	2:14:29 PM
22	22	1/1/2015	2:16:26 PM
23	23	1/1/2015	2:19:03 PM
24	24	1/1/2015	2:23:01 PM

3 COLUMNS, 100 ROWSColumn profiling based on top 1000 rows

Query Settings

PROPERTIES

Nameorders

All Properties

APPLIED STEPS

Source

Promoted Headers

Changed Type

Kept First Rows

Removed Duplicates

PREVIEW DOWNLOADED AT 12:51 PM

FileHomeTransformAdd ColumnViewToolsHelp

Close & ApplyClose

NewSourceNew Query

RecentSources

EnterData

Data source settingsData Sources

Manage ParametersParameters

Export query resultsOutput Data

Refresh PreviewQuery

PropertiesAdvanced EditorManage

Choose ColumnsManage Columns

Remove Columns

Keep Rows

Remove Rows

Sort

Split Column

Group By

Data Type: TextUse First Row as HeadersReplace ValuesTransform

Merge QueriesAppend QueriesCombine FilesCombine

Queries [4]

order_detailsorderspizza_typespizzas

fx

= Table.Distinct("#Changed Type1", {"pizza_type_id"})

	Az pizza_type_id	Az name	Az category	Az Ingredients
	<div><div>Valid 100%</div><div>Error 0%</div><div>Empty 0%</div></div> <div>32 distinct, 32 unique</div>	<div><div>Valid 100%</div><div>Error 0%</div><div>Empty 0%</div></div> <div>32 distinct, 32 unique</div>	<div><div>Valid 100%</div><div>Error 0%</div><div>Empty 0%</div></div> <div>4 distinct, 0 unique</div>	<div><div>Valid 100%</div><div>Error 0%</div><div>Empty 0%</div></div> <div>32 distinct, 32 unique</div>
1	bbq_ckn	The Barbecue Chicken Pizza	Chicken	Barbecued Chicken, Red Peppers, Green Peppers, Tomatoes, Red Onio...
2	cali_ckn	The California Chicken Pizza	Chicken	Chicken, Artichoke, Spinach, Garlic, Jalapeno Peppers, Fontina Cheese,...
3	ckn_alfredo	The Chicken Alfredo Pizza	Chicken	Chicken, Red Onions, Red Peppers, Mushrooms, Asiago Cheese, Alfred...
4	ckn_pesto	The Chicken Pesto Pizza	Chicken	Chicken, Tomatoes, Red Peppers, Spinach, Garlic, Pesto Sauce
5	southw_ckn	The Southwest Chicken Pizza	Chicken	Chicken, Tomatoes, Red Peppers, Red Onions, Jalapeno Peppers, Corn,...
6	thai_ckn	The Thai Chicken Pizza	Chicken	Chicken, Pineapple, Tomatoes, Red Peppers, Thai Sweet Chilli Sauce
7	big_meat	The Big Meat Pizza	Classic	Bacon, Pepperoni, Italian Sausage, Chorizo Sausage
8	classic_dlx	The Classic Deluxe Pizza	Classic	Pepperoni, Mushrooms, Red Onions, Red Peppers, Bacon
9	hawaiian	The Hawaiian Pizza	Classic	Sliced Ham, Pineapple, Mozzarella Cheese
10	ital_cpcllo	The Italian Capocollo Pizza	Classic	Capocollo, Red Peppers, Tomatoes, Goat Cheese, Garlic, Oregano
11	napolitana	The Napolitana Pizza	Classic	Tomatoes, Anchovies, Green Olives, Red Onions, Garlic
12	pep_msh_pep	The Pepperoni, Mushroom, and Peppers Pizza	Classic	Pepperoni, Mushrooms, Green Peppers
13	pepperoni	The Pepperoni Pizza	Classic	Mozzarella Cheese, Pepperoni
14	the_greek	The Greek Pizza	Classic	Kalamata Olives, Feta Cheese, Tomatoes, Garlic, Beef Chuck Roast, Re...
15	brie_carre	The Brie Carre Pizza	Supreme	Brie Carre Cheese, Prosciutto, Caramelized Onions, Pears, Thyme, Garlic
16	calabrese	The Calabrese Pizza	Supreme	'Nduja Salami, Pancetta, Tomatoes, Red Onions, Friggitello Peppers, G...
17	ital_supr	The Italian Supreme Pizza	Supreme	Calabrese Salami, Capocollo, Tomatoes, Red Onions, Green Olives, Gar...
18	peppr_salami	The Pepper Salami Pizza	Supreme	Genoa Salami, Capocollo, Pepperoni, Tomatoes, Asiago Cheese, Garlic
19	prsc_argla	The Prosciutto and Arugula Pizza	Supreme	Prosciutto di San Daniele, Arugula, Mozzarella Cheese
20	sicilian	The Sicilian Pizza	Supreme	Coarse Sicilian Salami, Tomatoes, Green Olives, Luganega Sausage, Oni...
21	soppressata	The Soppressata Pizza	Supreme	Soppressata Salami, Fontina Cheese, Mozzarella Cheese, Mushrooms, ...
22	spicy_ital	The Spicy Italian Pizza	Supreme	Capocollo, Tomatoes, Goat Cheese, Artichokes, Peperoncini verdi, Garlic
23	spinach_supr	The Spinach Supreme Pizza	Supreme	Spinach, Red Onions, Pepperoni, Tomatoes, Artichokes, Kalamata Oliv...
24	five_cheese	The Five Cheese Pizza	Veggie	Mozzarella Cheese, Provolone Cheese, Smoked Gouda Cheese, Roman...

Query Settings

PROPERTIES

Namepizza_types

All Properties

APPLIED STEPS

Source

Changed Type

Promoted Headers

Changed Type1

Removed Duplicates

4 COLUMNS, 32 ROWS Column profiling based on top 1000 rowsPREVIEW DOWNLOADED AT 12:51 PM

FileHomeTransformAdd ColumnViewToolsHelp

Close & ApplyNew SourceRecent SourcesEnter DataData Source settingsManage ParametersExport query resultsRefresh PreviewPropertiesAdvanced EditorManageQueryChoose ColumnsRemove ColumnsKeep RowsRemove RowsSortSplit ColumnGroup ByData Type: TextUse First Row as HeadersReplace ValuesMerge QueriesAppend QueriesCombine FilesCombine

Close & ApplyNew SourceRecent SourcesEnter DataData Source settingsManage ParametersExport query resultsRefresh PreviewPropertiesAdvanced EditorManageQueryChoose ColumnsRemove ColumnsKeep RowsRemove RowsSortSplit ColumnGroup ByData Type: TextUse First Row as HeadersReplace ValuesMerge QueriesAppend QueriesCombine FilesCombine

Queries [4]

order_detailsorderspizza_typespizzas

fx= Table.Distinct("#Changed Type", {"pizza_id"})

	A[C] pizza_id	A[C] pizza_type_id	A[C] size	1.2 price
	<div><div><div>Valid 100%</div><div>Error 0%</div><div>Empty 0%</div></div><div></div><div>96 distinct, 96 unique</div></div>	<div><div><div>Valid 100%</div><div>Error 0%</div><div>Empty 0%</div></div><div></div><div>32 distinct, 1 unique</div></div>	<div><div><div>Valid 100%</div><div>Error 0%</div><div>Empty 0%</div></div><div></div><div>5 distinct, 2 unique</div></div>	<div><div><div>Valid 100%</div><div>Error 0%</div><div>Empty 0%</div></div><div></div><div>27 distinct, 16 unique</div></div>
1	bbq_ckn_s	bbq_ckn	S	12.75
2	bbq_ckn_m	bbq_ckn	M	16.75
3	bbq_ckn_l	bbq_ckn	L	20.75
4	cali_ckn_s	cali_ckn	S	12.75
5	cali_ckn_m	cali_ckn	M	16.75
6	cali_ckn_l	cali_ckn	L	20.75
7	ckn_alfredo_s	ckn_alfredo	S	12.75
8	ckn_alfredo_m	ckn_alfredo	M	16.75
9	ckn_alfredo_l	ckn_alfredo	L	20.75
10	ckn_pesto_s	ckn_pesto	S	12.75
11	ckn_pesto_m	ckn_pesto	M	16.75
12	ckn_pesto_l	ckn_pesto	L	20.75
13	southw_ckn_s	southw_ckn	S	12.75
14	southw_ckn_m	southw_ckn	M	16.75
15	southw_ckn_l	southw_ckn	L	20.75
16	thai_ckn_s	thai_ckn	S	12.75
17	thai_ckn_m	thai_ckn	M	16.75
18	thai_ckn_l	thai_ckn	L	20.75
19	big_meat_s	big_meat	S	12
20	big_meat_m	big_meat	M	16
21	big_meat_l	big_meat	L	20.5
22	classic_dlx_s	classic_dlx	S	12
23	classic_dlx_m	classic_dlx	M	16
24	classic_dlx_l	classic_dlx	L	20.5

Query Settings

PROPERTIES

Namepizzas

All Properties

APPLIED STEPS

SourcePromoted HeadersChanged TypeRemoved Duplicates

4 COLUMNS, 96 ROWSColumn profiling based on top 1000 rowsPREVIEW DOWNLOADED AT 12:51 PM

STANDARDIZE COLUMN NAMES AND DATA TYPES

FileHomeTransformAdd ColumnViewToolsHelp

Group ByUse First Row as HeadersCount Rows

TransposeReverse RowsCount Rows

Data Type: Fixed decimal numberDetect Data TypeRename

Replace ValuesFillPivot Column

Unpivot ColumnsMoveConvert to List

Split ColumnFormat

Merge ColumnsExtractParse

StatisticsStandard Scientific

TrigonometryRoundingInformation

DateTimeDuration

Run R scriptRun Python script

Queries [4]

order_detailsorderspizza_typespizzas

Table

fx

= Table.TransformColumnTypes("#Removed Duplicates",{{"price", Currency.Type}})

	A#c pizza_id	A#c pizza_type_id	A#c size	\$ price
1	bbq_ckn_s	bbq_ckn	S	12.75
2	bbq_ckn_m	bbq_ckn	M	16.75
3	bbq_ckn_l	bbq_ckn	L	20.75
4	cali_ckn_s	cali_ckn	S	12.75
5	cali_ckn_m	cali_ckn	M	16.75
6	cali_ckn_l	cali_ckn	L	20.75
7	ckn_alfredo_s	ckn_alfredo	S	12.75
8	ckn_alfredo_m	ckn_alfredo	M	16.75
9	ckn_alfredo_l	ckn_alfredo	L	20.75
10	ckn_pesto_s	ckn_pesto	S	12.75
11	ckn_pesto_m	ckn_pesto	M	16.75
12	ckn_pesto_l	ckn_pesto	L	20.75
13	southw_ckn_s	southw_ckn	S	12.75
14	southw_ckn_m	southw_ckn	M	16.75
15	southw_ckn_l	southw_ckn	L	20.75
16	thai_ckn_s	thai_ckn	S	12.75
17	thai_ckn_m	thai_ckn	M	16.75
18	thai_ckn_l	thai_ckn	L	20.75
19	big_meat_s	big_meat	S	12.00
20	big_meat_m	big_meat	M	16.00
21	big_meat_l	big_meat	L	20.50
22	classic_dlx_s	classic_dlx	S	12.00
23	classic_dlx_m	classic_dlx	M	16.00
24	classic_dlx_l	classic_dlx	L	20.50
25	hawaiian_s	hawaiian	S	10.50
26	hawaiian_m	hawaiian	M	13.25
27	hawaiian_l	hawaiian	L	16.50
28	ital_cpcllo_s	ital_cpcllo	S	12.00
29	ital_cpcllo_m	ital_cpcllo	M	16.00
30	ital_cpcllo_l	ital_cpcllo	L	20.50

4 COLUMNS, 96 ROWSColumn profiling based on top 1000 rows

Query Settings

PROPERTIES

Namepizzas

All Properties

APPLIED STEPS

SourcePromoted HeadersChanged TypeRemoved DuplicatesChanged Type1

PREVIEW DOWNLOADED AT 1:02 PM

= Table.TransformColumns(#"Removed Duplicates",{{"name", Text.Proper, type text}, {"category", Text.Proper, type text}, {"ingredients",				
	AB_c pizza_type_id	AB_c name	AB_c category	AB_c ingredients
1	bbq_ckn	The Barbecue Chicken Pizza	Chicken	Barbecued Chicken, Red Peppers, Green Peppers, Tomatoes, Red Onio...
2	cali_ckn	The California Chicken Pizza	Chicken	Chicken, Artichoke, Spinach, Garlic, Jalapeno Peppers, Fontina Cheese,...
3	ckn_alfredo	The Chicken Alfredo Pizza	Chicken	Chicken, Red Onions, Red Peppers, Mushrooms, Asiago Cheese, Alfred...
4	ckn_pesto	The Chicken Pesto Pizza	Chicken	Chicken, Tomatoes, Red Peppers, Spinach, Garlic, Pesto Sauce
5	southw_ckn	The Southwest Chicken Pizza	Chicken	Chicken, Tomatoes, Red Peppers, Red Onions, Jalapeno Peppers, Corn,...
6	thai_ckn	The Thai Chicken Pizza	Chicken	Chicken, Pineapple, Tomatoes, Red Peppers, Thai Sweet Chilli Sauce
7	big_meat	The Big Meat Pizza	Classic	Bacon, Pepperoni, Italian Sausage, Chorizo Sausage
8	classic_dlx	The Classic Deluxe Pizza	Classic	Pepperoni, Mushrooms, Red Onions, Red Peppers, Bacon
9	hawaiian	The Hawaiian Pizza	Classic	Sliced Ham, Pineapple, Mozzarella Cheese
10	ital_cpcllo	The Italian Capocollo Pizza	Classic	Capocollo, Red Peppers, Tomatoes, Goat Cheese, Garlic, Oregano
11	napolitana	The Napolitana Pizza	Classic	Tomatoes, Anchovies, Green Olives, Red Onions, Garlic
12	pep_msh_peg	The Pepperoni, Mushroom, And Peppers Pizza	Classic	Pepperoni, Mushrooms, Green Peppers
13	pepperoni	The Pepperoni Pizza	Classic	Mozzarella Cheese, Pepperoni
14	the_greek	The Greek Pizza	Classic	Kalamata Olives, Feta Cheese, Tomatoes, Garlic, Beef Chuck Roast, Re...
15	brie_carre	The Brie Carre Pizza	Supreme	Brie Carre Cheese, Prosciutto, Caramelized Onions, Pears, Thyme, Garlic
16	calabrese	The Calabrese Pizza	Supreme	*Nduja Salami, Pancetta, Tomatoes, Red Onions, Friggitello Peppers, G...
17	ital_supr	The Italian Supreme Pizza	Supreme	Calabrese Salami, Capocollo, Tomatoes, Red Onions, Green Olives, Gar...
18	peppr_salami	The Pepper Salami Pizza	Supreme	Genoa Salami, Capocollo, Pepperoni, Tomatoes, Asiago Cheese, Garlic
19	prsc_argla	The Prosciutto And Arugula Pizza	Supreme	Prosciutto Di San Daniele, Arugula, Mozzarella Cheese
20	sicilian	The Sicilian Pizza	Supreme	Coarse Sicilian Salami, Tomatoes, Green Olives, Luganega Sausage, Oni...
21	soppressata	The Soppressata Pizza	Supreme	Soppressata Salami, Fontina Cheese, Mozzarella Cheese, Mushrooms, ...
22	spicy_ital	The Spicy Italian Pizza	Supreme	Capocollo, Tomatoes, Goat Cheese, Artichokes, Pepperoncini Verdi, Gar...
23	spinach_supr	The Spinach Supreme Pizza	Supreme	Spinach, Red Onions, Pepperoni, Tomatoes, Artichokes, Kalamata Oliv...
24	five_cheese	The Five Cheese Pizza	Veggie	Mozzarella Cheese, Provolone Cheese, Smoked Gouda Cheese, Roman...
25	four_cheese	The Four Cheese Pizza	Veggie	Ricotta Cheese, Gorgonzola Piccante Cheese, Mozzarella Cheese, Par...
26	green_garden	The Green Garden Pizza	Veggie	Spinach, Mushrooms, Tomatoes, Green Olives, Feta Cheese
27	ital_veggie	The Italian Vegetables Pizza	Veggie	Eggplant, Artichokes, Tomatoes, Zucchini, Red Peppers, Garlic, Pesto S...
28	mediterraneo	The Mediterranean Pizza	Veggie	Spinach, Artichokes, Kalamata Olives, Sun-Dried Tomatoes, Feta Chees...
29	mexicana	The Mexicana Pizza	Veggie	Tomatoes, Red Peppers, Jalapeno Peppers, Red Onions, Cilantro, Corn,...
30	spin_pesto	The Spinach Pesto Pizza	Veggie	Spinach, Artichokes, Tomatoes, Sun-Dried Tomatoes, Garlic, Pesto Sau...

PERFORM NECESSARY TRANSFORMATIONS (SPLIT, MERGE, REPLACE VALUES)

Task

FileHomeTransformAdd ColumnViewToolsHelp

Column From Examples

Custom Column

Invoke Custom Function

General

Conditional Column

Index Column

Duplicate Column

Format

From Text

Merge Columns

Extract

Parse

Statistics

Standard

Scientific

From Number

Trigonometry

Rounding

Information

From Date & Time

Queries [4]

order_details

orders

pizza_types

pizzas

123

order_id

date

time

order_datetime

	order_id	date	time	order_datetime
1	1	1/1/2015	11:38:36 AM	1/1/2015 11:38 AM
2	2	1/1/2015	11:57:40 AM	1/1/2015 11:57 AM
3	3	1/1/2015	12:12:28 PM	1/1/2015 12:12 PM
4	4	1/1/2015	12:16:31 PM	1/1/2015 12:16 PM
5	5	1/1/2015	12:21:30 PM	1/1/2015 12:21 PM
6	6	1/1/2015	12:29:36 PM	1/1/2015 12:29 PM
7	7	1/1/2015	12:50:37 PM	1/1/2015 12:50 PM
8	8	1/1/2015	12:51:37 PM	1/1/2015 12:51 PM
9	9	1/1/2015	12:52:01 PM	1/1/2015 12:52 PM
10	10	1/1/2015	1:00:15 PM	1/1/2015 1:00 PM
11	11	1/1/2015	1:02:59 PM	1/1/2015 1:02 PM
12	12	1/1/2015	1:04:41 PM	1/1/2015 1:04 PM
13	13	1/1/2015	1:11:55 PM	1/1/2015 1:11 PM
14	14	1/1/2015	1:14:19 PM	1/1/2015 1:14 PM
15	15	1/1/2015	1:33:00 PM	1/1/2015 1:33 PM
16	16	1/1/2015	1:34:07 PM	1/1/2015 1:34 PM
17	17	1/1/2015	1:53:00 PM	1/1/2015 1:53 PM
18	18	1/1/2015	1:57:08 PM	1/1/2015 1:57 PM
19	19	1/1/2015	1:59:09 PM	1/1/2015 1:59 PM
20	20	1/1/2015	2:03:08 PM	1/1/2015 2:03 PM
21	21	1/1/2015	2:14:29 PM	1/1/2015 2:14 PM
22	22	1/1/2015	2:16:26 PM	1/1/2015 2:16 PM
23	23	1/1/2015	2:19:03 PM	1/1/2015 2:19 PM
24	24	1/1/2015	2:23:01 PM	1/1/2015 2:23 PM
25	25	1/1/2015	2:44:44 PM	1/1/2015 2:44 PM
26	26	1/1/2015	2:54:26 PM	1/1/2015 2:54 PM
27	27	1/1/2015	3:11:17 PM	1/1/2015 3:11 PM
28	28	1/1/2015	3:35:46 PM	1/1/2015 3:35 PM
29	29	1/1/2015	3:41:01 PM	1/1/2015 3:41 PM
30	30	1/1/2015	3:41:25 PM	1/1/2015 3:41 PM

4 COLUMNS

999+ ROWS

Column profiling based on top 1000 rows

Query Settings

PROPERTIES

Name

orders

All Properties

APPLIED STEPS

Source

Promoted Headers

Changed Type

Removed Duplicates

Inserted Merged Column

PREVIEW DOWNLOADED AT 7:10 PM

Task

FileHomeTransformAdd ColumnViewToolsHelp

Group By

Use First Row as Headers

Count Rows

Table

Transpose

Reverse Rows

Count Rows

Data Type: Text

Replace Values

Unpivot Columns

Detect Data Type

Fill

Move

Rename

Pivot Column

Convert to List

Split Column

Format

Extract

Parse

Merge Columns

Statistics

Standard

Scientific

Information

Trigonometry

Rounding

Information

Date

Time

Duration

Run R script

Run Python script

Queries [4]

order_detailsorderspizza_typespizzas

Table.SplitColumn("#Filtered Rows", "ingredients", Splitter.SplitTextByDelimiter(",", QuoteStyle.Csv), {"ingredients.1", "ingredients.2",

	category	ingredients.1	ingredients.2	ingredients.3	ingredients.4	ingredients.5
1	Chicken	Barbecued Chicken	Red Peppers	Green Peppers	Tomatoes	Red Onions
2	Chicken	Chicken	Artichoke	Spinach	Garlic	Jalapeno Peppers
3	Chicken	Chicken	Red Onions	Red Peppers	Mushrooms	Asiago Cheese
4	Chicken	Chicken	Tomatoes	Red Peppers	Spinach	Garlic
5	Chicken	Chicken	Tomatoes	Red Peppers	Red Onions	Jalapeno Peppers
6	Chicken	Chicken	Pineapple	Tomatoes	Red Peppers	Thai Sweet Chilli Sauce
7	Classic	Bacon	Pepperoni	Italian Sausage	Chorizo Sausage	
8	Classic	Pepperoni	Mushrooms	Red Onions	Red Peppers	Bacon
9	Classic	Sliced Ham	Pineapple	Mozzarella Cheese		null
10	Classic	Capocollo	Red Peppers	Tomatoes	Goat Cheese	Garlic
11	Classic	Tomatoes	Anchovies	Green Olives	Red Onions	Garlic
12	peppers Pizza	Pepperoni	Mushrooms	Green Peppers		null
13	Classic	Mozzarella Cheese	Pepperoni		null	null
14	Classic	Kalamata Olives	Feta Cheese	Tomatoes	Garlic	Beef Chuck Roast
15	Supreme	Brie Carre Cheese	Prosciutto	Caramelized Onions	Pears	Thyme
16	Supreme	'Nduja Salami	Pancetta	Tomatoes	Red Onions	Friggitello Peppers
17	Supreme	Calabrese Salami	Capocollo	Tomatoes	Red Onions	Green Olives
18	Supreme	Genoa Salami	Capocollo	Pepperoni	Tomatoes	Asiago Cheese
19	Supreme	Prosciutto Di San Daniele	Arugula	Mozzarella Cheese		null
20	Supreme	Coarse Sicilian Salami	Tomatoes	Green Olives	Luganega Sausage	Onions
21	Supreme	Soppressata Salami	Fontina Cheese	Mozzarella Cheese	Mushrooms	Garlic
22	Supreme	Capocollo	Tomatoes	Goat Cheese	Artichokes	Peperoncini Verdi
23	Supreme	Spinach	Red Onions	Pepperoni	Tomatoes	Artichokes
24	Veggie	Mozzarella Cheese	Provolone Cheese	Smoked Gouda Cheese	Romano Cheese	Blue Cheese
25	Veggie	Ricotta Cheese	Gorgonzola Piccante Cheese	Mozzarella Cheese	Parmigiano Reggiano Cheese	Garlic
26	Veggie	Spinach	Mushrooms	Tomatoes	Green Olives	Feta Cheese
27	Veggie	Eggplant	Artichokes	Tomatoes	Zucchini	Red Peppers
28	Veggie	Spinach	Artichokes	Kalamata Olives	Sun-Dried Tomatoes	Feta Cheese
29	Veggie	Tomatoes	Red Peppers	Jalapeno Peppers	Red Onions	Cilantro
30	Veggie	Spinach	Artichokes	Tomatoes	Sun-Dried Tomatoes	Garlic

Query Settings

PROPERTIES

Name

pizza_types

All Properties

APPLIED STEPS

Source

Changed Type

Promoted Headers

Changed Type1

Removed Duplicates

Capitalized Each Word

Filtered Rows

Split Column by Delimiter

11 COLUMNS, 32 ROWSColumn profiling based on top 1000 rowsPREVIEW DOWNLOADED AT 7:19 PM

FileHomeTransformAdd ColumnViewToolsHelp

Close & Apply

New Source

Recent Sources

Enter Data

Data source settings

Manage Parameters

Export query results

Refresh Preview

Properties

Advanced Editor

Manage

Choose Columns

Remove Columns

Keep Rows

Remove Rows

Sort

Split Column

Group By

Replace Values

Transform

Merge Queries

Append Queries

Combine Files

Combine

Queries [6]

order_details

orders

pizza_types

pizzas

pizza_details

ordered_pizza_details

fx

= Table.Sort("#Expanded pizza_details",{"order_details_id", Order.Ascending}, {"order_id", Order.Ascending}))

order_details_id

order_id

pizza_id

quantity

pizza_details.size

pizza_details.price

pizza_details.name

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

hawaiian_m

classic_dlx_m

five_cheese_l

ital_supr_l

mexicana_m

thai_ckn_l

ital_supr_m

prsc_argla_l

ital_supr_m

ital_supr_m

bbq_ckn_s

the_greek_s

spinach_supr_s

spinach_supr_s

classic_dlx_s

green_garden_s

ital_cpcllo_l

ital_supr_l

ital_supr_s

mexicana_s

spicy_ital_l

spin_pesto_l

veggie_veg_s

mexicana_l

southw_ckn_l

bbq_ckn_l

cali_ckn_l

cali_ckn_m

pepperoni_l

cali_ckn_l

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

M

M

L

L

M

L

M

L

M

M

S

S

S

S

S

S

L

L

S

S

L

S

L

L

L

L

M

L

L

13.25

16

18.5

20.75

16

20.75

16.5

20.75

16.5

16.5

12.75

12

12.5

12.5

12

12

20.5

20.75

12.5

12

20.75

20.75

12

20.25

20.75

20.75

16.75

15.25

20.75

The Hawaii

The Classic

The Five Ch

The Italian

The Mexica

The Thai Cl

The Italian

The Prosci

The Italian

The Italian

The Barbec

The Greek

The Spinac

The Spinac

The Classic

The Green

The Italian

The Italian

The Italian

The Mexica

The Spicy I

The Spinac

The Vegeta

The Mexica

The Southw

The Barbec

The Califor

The Califor

The Pepper

The Califor

Query Settings

PROPERTIES

Name

ordered_pizza_details

All Properties

APPLIED STEPS

Source

Expanded pizza_details

Sorted Rows

9 COLUMNS, 999+ ROWS Column profiling based on top 1000 rows PREVIEW DOWNLOADED AT 7:47 PM

Task

FileHomeTransformAdd ColumnViewToolsHelp

Group By

Use First Row as Headers

Count Rows

Table

Transpose

Reverse Rows

Count Rows

Data Type: Text

Detect Data Type

Rename

Replace Values

Fill

Pivot Column

Unpivot Columns

Move

Convert to List

Split Column

Format

Extract

Parse

Merge Columns

Statistics

Standard

Scientific

10²

Rounding

Information

Trigonometry

Date

Time

Duration

Run R script

Run Python script

Scripts

Queries [4]

order_details

orders

pizza_types

pizzas

Table.TransformColumns

(#"Trimmed Text",{{"ingredients", Text.Clean, type text}})

	pizza_type_id	name	category	ingredients
1	bbq_ckn	The Barbecue Chicken Pizza	Chicken	Barbecued Chicken, Red Peppers, Green Peppers, Tomatoes, Red Onio...
2	cali_ckn	The California Chicken Pizza	Chicken	Chicken, Artichoke, Spinach, Garlic, Jalapeno Peppers, Fontina Cheese,...
3	ckn_alfredo	The Chicken Alfredo Pizza	Chicken	Chicken, Red Onions, Red Peppers, Mushrooms, Asiago Cheese, Alfred...
4	ckn_pesto	The Chicken Pesto Pizza	Chicken	Chicken, Tomatoes, Red Peppers, Spinach, Garlic, Pesto Sauce
5	southw_ckn	The Southwest Chicken Pizza	Chicken	Chicken, Tomatoes, Red Peppers, Red Onions, Jalapeno Peppers, Corn,...
6	thai_ckn	The Thai Chicken Pizza	Chicken	Chicken, Pineapple, Tomatoes, Red Peppers, Thai Sweet Chilli Sauce
7	big_meat	The Big Meat Pizza	Classic	Bacon, Pepperoni, Italian Sausage, Chorizo Sausage
8	classic_dlx	The Classic Deluxe Pizza	Classic	Pepperoni, Mushrooms, Red Onions, Red Peppers, Bacon
9	hawaiian	The Hawaiian Pizza	Classic	Sliced Ham, Pineapple, Mozzarella Cheese
10	ital_cpcllo	The Italian Capocollo Pizza	Classic	Capocollo, Red Peppers, Tomatoes, Goat Cheese, Garlic, Oregano
11	napolitana	The Napolitana Pizza	Classic	Tomatoes, Anchovies, Green Olives, Red Onions, Garlic
12	pep_msh_pep	The Pepperoni, Mushroom, And Peppers Pizza	Classic	Pepperoni, Mushrooms, Green Peppers
13	pepperoni	The Pepperoni Pizza	Classic	Mozzarella Cheese, Pepperoni
14	the_greek	The Greek Pizza	Classic	Kalamata Olives, Feta Cheese, Tomatoes, Garlic, Beef Chuck Roast, Re...
15	brie_carre	The Brie Carre Pizza	Supreme	Brie Carre Cheese, Prosciutto, Caramelized Onions, Pears, Thyme, Garlic
16	calabrese	The Calabrese Pizza	Supreme	'Nduja Salami, Pancetta, Tomatoes, Red Onions, Friggitello Peppers, G...
17	ital_supr	The Italian Supreme Pizza	Supreme	Calabrese Salami, Capocollo, Tomatoes, Red Onions, Green Olives, Gar...
18	peppr_salami	The Pepper Salami Pizza	Supreme	Genoa Salami, Capocollo, Pepperoni, Tomatoes, Asiago Cheese, Garlic
19	prsc_argla	The Prosciutto And Arugula Pizza	Supreme	Prosciutto Di San Daniele, Arugula, Mozzarella Cheese
20	sicilian	The Sicilian Pizza	Supreme	Coarse Sicilian Salami, Tomatoes, Green Olives, Luganega Sausage, Oni...
21	soppressata	The Soppressata Pizza	Supreme	Soppressata Salami, Fontina Cheese, Mozzarella Cheese, Mushrooms, ...
22	spicy_ital	The Spicy Italian Pizza	Supreme	Capocollo, Tomatoes, Goat Cheese, Artichokes, Peperoncini Verdi, Gar...
23	spinach_supr	The Spinach Supreme Pizza	Supreme	Spinach, Red Onions, Pepperoni, Tomatoes, Artichokes, Kalamata Oliv...
24	five_cheese	The Five Cheese Pizza	Veggie	Mozzarella Cheese, Provolone Cheese, Smoked Gouda Cheese, Roman...
25	four_cheese	The Four Cheese Pizza	Veggie	Ricotta Cheese, Gorgonzola Piccante Cheese, Mozzarella Cheese, Par...
26	green_garden	The Green Garden Pizza	Veggie	Spinach, Mushrooms, Tomatoes, Green Olives, Feta Cheese
27	ital_veggie	The Italian Vegetables Pizza	Veggie	Eggplant, Artichokes, Tomatoes, Zucchini, Red Peppers, Garlic, Pesto S...
28	mediterraneo	The Mediterranean Pizza	Veggie	Spinach, Artichokes, Kalamata Olives, Sun-Dried Tomatoes, Feta Chees...
29	mexicana	The Mexicana Pizza	Veggie	Tomatoes, Red Peppers, Jalapeno Peppers, Red Onions, Cilantro, Corn,...
30	spin_pesto	The Spinach Pesto Pizza	Veggie	Spinach, Artichokes, Tomatoes, Sun-Dried Tomatoes, Garlic, Pesto Sau...

Query Settings

PROPERTIES

Name

pizza_types

All Properties

APPLIED STEPS

Source

Changed Type

Promoted Headers

Changed Type1

Removed Duplicates

Capitalized Each Word

Filtered Rows

Trimmed Text

Cleaned Text

4 COLUMNS, 32 ROWS Column profiling based on top 1000 rows

PREVIEW DOWNLOADED AT 7:22 PM

Created new table from pizza_types and pizzas

FileHomeTransformAdd ColumnViewToolsHelp

Close & Apply

New Source

Recent Sources

Enter Data

Data source settings

Manage Parameters

Export query results

Refresh Preview

Properties

Advanced Editor

Manage

Choose Columns

Remove Columns

Keep Rows

Remove Rows

Sort

Split Column

Group By

Data Type: Text

Use First Row as Headers

Replace Values

Merge Queries

Append Queries

Combine Files

Combine

Queries [5]

order_details

orders

pizza_types

pizzas

pizza_details

fx

= Table.NestedJoin(pizzas, {"pizza_type_id"}, pizza_types, {"pizza_type_id"}, "pizza_types", JoinKind.LeftOuter)

	ABC pizza_id	ABC pizza_type_id	ABC size	\$ price	pizza_types
1	bbq_ckn_s	bbq_ckn	S	12.75	Table
2	bbq_ckn_m	bbq_ckn	M	16.75	Table
3	bbq_ckn_l	bbq_ckn	L	20.75	Table
4	cali_ckn_s	cali_ckn	S	12.75	Table
5	cali_ckn_m	cali_ckn	M	16.75	Table
6	cali_ckn_l	cali_ckn	L	20.75	Table
7	ckn_alfredo_s	ckn_alfredo	S	12.75	Table
8	ckn_alfredo_m	ckn_alfredo	M	16.75	Table
9	ckn_alfredo_l	ckn_alfredo	L	20.75	Table
10	ckn_pesto_s	ckn_pesto	S	12.75	Table
11	ckn_pesto_m	ckn_pesto	M	16.75	Table
12	ckn_pesto_l	ckn_pesto	L	20.75	Table
13	southw_ckn_s	southw_ckn	S	12.75	Table
14	southw_ckn_m	southw_ckn	M	16.75	Table
15	southw_ckn_l	southw_ckn	L	20.75	Table
16	thai_ckn_s	thai_ckn	S	12.75	Table
17	thai_ckn_m	thai_ckn	M	16.75	Table
18	thai_ckn_l	thai_ckn	L	20.75	Table
19	big_meat_s	big_meat	S	12.00	Table
20	big_meat_m	big_meat	M	16.00	Table
21	big_meat_l	big_meat	L	20.50	Table
22	classic_dlx_s	classic_dlx	S	12.00	Table
23	classic_dlx_m	classic_dlx	M	16.00	Table
24	classic_dlx_l	classic_dlx	L	20.50	Table
25	hawaiian_s	hawaiian	S	10.50	Table
26	hawaiian_m	hawaiian	M	13.25	Table
27	hawaiian_l	hawaiian	L	16.50	Table
28	ital_cpcllo_s	ital_cpcllo	S	12.00	Table
29	ital_cpcllo_m	ital_cpcllo	M	16.00	Table
30	ital_cpcllo_l	ital_cpcllo	L	20.50	Table

Query Settings

PROPERTIES

Name

pizza_details

All Properties

APPLIED STEPS

Source

5 COLUMNS, 96 ROWS

Column profiling based on top 1000 rows

PREVIEW DOWNLOADED AT 7:35 PM

Created new table from orders and pizza details

FileHomeTransformAdd ColumnViewToolsHelp

Close & ApplyClose

New SourceNew Query

Recent Sources

Enter Data

Data source settingsData Sources

Manage ParametersParameters

Export query resultsOutput Data

Refresh PreviewQuery

PropertiesAdvanced EditorManage

Choose ColumnsManage Columns

Remove Columns

Keep RowsReduce Rows

Remove Rows

Sort

Split ColumnGroup By

Data Type: Whole NumberUse First Row as HeadersReplace ValuesTransform

Merge QueriesAppend QueriesCombine FilesCombine

Queries [6]

order_details

orders

pizza_types

pizzas

pizza_details

ordered_pizza_details

= Table.Sort("#Expanded pizza_details",{{"order_details_id", Order.Ascending}, {"order_id", Order.Ascending}})

123 order_details_id	123 order_id	123 pizza_id	123 quantity	123 pizza_details.size	123 pizza_details.price	123 pizza_details.name
1	1	hawaiian_m	1	M	13.25	The Hawaii
2	2	classic_dlx_m	1	M	16	The Classic
3	3	five_cheese_l	1	L	18.5	The Five Ch
4	4	ital_supr_l	1	L	20.75	The Italian
5	5	mexicana_m	1	M	16	The Mexica
6	6	thai_ckn_l	1	L	20.75	The Thai Cl
7	7	ital_supr_m	1	M	16.5	The Italian
8	8	prsc_argla_l	1	L	20.75	The Prosci
9	9	ital_supr_m	1	M	16.5	The Italian
10	10	ital_supr_m	1	M	16.5	The Italian
11	11	bbq_ckn_s	1	S	12.75	The Barbec
12	12	the_greek_s	1	S	12	The Greek
13	13	spinach_supr_s	1	S	12.5	The Spinac
14	14	spinach_supr_s	1	S	12.5	The Spinac
15	15	classic_dlx_s	1	S	12	The Classic
16	16	green_garden_s	1	S	12	The Green
17	17	ital_cpcllo_l	1	L	20.5	The Italian
18	18	ital_supr_l	1	L	20.75	The Italian
19	19	ital_supr_s	1	S	12.5	The Italian
20	20	mexicana_s	1	S	12	The Mexica
21	21	spicy_ital_l	1	L	20.75	The Spicy I
22	22	spin_pesto_l	1	L	20.75	The Spinac
23	23	veggie_veg_s	1	S	12	The Vegeta
24	24	mexicana_l	1	L	20.25	The Mexica
25	25	southw_ckn_l	1	L	20.75	The Southw
26	26	bbq_ckn_l	1	L	20.75	The Barbec
27	27	cali_ckn_l	1	L	20.75	The Califor
28	28	cali_ckn_m	1	M	16.75	The Califor
29	29	pepperoni_l	1	L	15.25	The Peppi
30	30	cali_ckn_l	1	L	20.75	The Califor

Query Settings

PROPERTIES

Nameordered_pizza_details

All Properties

APPLIED STEPS

Source

Expanded pizza_details

Sorted Rows

9 COLUMNS, 999+ ROWS

Column profiling based on top 1000 rows

PREVIEW DOWNLOADED AT 7:47 PM

Added column Amount

Task

FileHomeTransformAdd ColumnViewToolsHelp

Column From Examples ▾

Custom Column

Invoke Custom Function

Conditional Column

Index Column ▾

Duplicate Column

General

Format

From Text

Merge Columns

Extract ▾

Parse ▾

Statistics

Standard

Scientific

Trigonometry ▾

Rounding ▾

Information ▾

From Number

Date

Time

Duration

From Date & Time

Queries [6]

order_details

orders

pizza_types

pizzas

pizza_details

ordered_pizza_details

X✓fx

= Table.AddColumn("#Changed Type", "Amount", each [quantity]*[pizza_details.price])

es.name

ABC pizza_details.pizza_types.category

ABC pizza_details.pizza_types.ingredients

orders.order_datetime

ABC Amount

1		Classic	Sliced Ham, Pineapple, Mozzarella Cheese	1/1/2015 11:38:00 AM	13.25
2		Classic	Pepperoni, Mushrooms, Red Onions, Red Peppers, Bacon	1/1/2015 11:57:00 AM	16
3		Veggie	Mozzarella Cheese, Provolone Cheese, Smoked Gouda Cheese, Roman...	1/1/2015 11:57:00 AM	18.5
4		Supreme	Calabrese Salami, Capocollo, Tomatoes, Red Onions, Green Olives, Gar...	1/1/2015 11:57:00 AM	20.75
5		Veggie	Tomatoes, Red Peppers, Jalapeno Peppers, Red Onions, Cilantro, Corn,...	1/1/2015 11:57:00 AM	16
6		Chicken	Chicken, Pineapple, Tomatoes, Red Peppers, Thai Sweet Chilli Sauce	1/1/2015 11:57:00 AM	20.75
7		Supreme	Calabrese Salami, Capocollo, Tomatoes, Red Onions, Green Olives, Gar...	1/1/2015 12:12:00 PM	16.5
8	Pizza	Supreme	Prosciutto Di San Daniele, Arugula, Mozzarella Cheese	1/1/2015 12:12:00 PM	20.75
9		Supreme	Calabrese Salami, Capocollo, Tomatoes, Red Onions, Green Olives, Gar...	1/1/2015 12:16:00 PM	16.5
10		Supreme	Calabrese Salami, Capocollo, Tomatoes, Red Onions, Green Olives, Gar...	1/1/2015 12:21:00 PM	16.5
11		Chicken	Barbecued Chicken, Red Peppers, Green Peppers, Tomatoes, Red Onio...	1/1/2015 12:29:00 PM	12.75
12		Classic	Kalamata Olives, Feta Cheese, Tomatoes, Garlic, Beef Chuck Roast, Re...	1/1/2015 12:29:00 PM	12
13		Supreme	Spinach, Red Onions, Pepperoni, Tomatoes, Artichokes, Kalamata Oliv...	1/1/2015 12:50:00 PM	12.5
14		Supreme	Spinach, Red Onions, Pepperoni, Tomatoes, Artichokes, Kalamata Oliv...	1/1/2015 12:51:00 PM	12.5
15		Classic	Pepperoni, Mushrooms, Red Onions, Red Peppers, Bacon	1/1/2015 12:52:00 PM	12
16		Veggie	Spinach, Mushrooms, Tomatoes, Green Olives, Feta Cheese	1/1/2015 12:52:00 PM	12
17		Classic	Capocollo, Red Peppers, Tomatoes, Goat Cheese, Garlic, Oregano	1/1/2015 12:52:00 PM	20.5
18		Supreme	Calabrese Salami, Capocollo, Tomatoes, Red Onions, Green Olives, Gar...	1/1/2015 12:52:00 PM	20.75
19		Supreme	Calabrese Salami, Capocollo, Tomatoes, Red Onions, Green Olives, Gar...	1/1/2015 12:52:00 PM	12.5
20		Veggie	Tomatoes, Red Peppers, Jalapeno Peppers, Red Onions, Cilantro, Corn,...	1/1/2015 12:52:00 PM	12
21		Supreme	Capocollo, Tomatoes, Goat Cheese, Artichokes, Peperoncini Verdi, Gar...	1/1/2015 12:52:00 PM	20.75
22		Veggie	Spinach, Artichokes, Tomatoes, Sun-Dried Tomatoes, Garlic, Pesto Sau...	1/1/2015 12:52:00 PM	20.75
23	s Pizza	Veggie	Mushrooms, Tomatoes, Red Peppers, Green Peppers, Tomatoes, Red Onions, Zuc...	1/1/2015 12:52:00 PM	12
24		Veggie	Tomatoes, Red Peppers, Jalapeno Peppers, Red Onions, Cilantro, Corn,...	1/1/2015 1:00:00 PM	20.25
25	a	Chicken	Chicken, Tomatoes, Red Peppers, Red Onions, Jalapeno Peppers, Corn,...	1/1/2015 1:00:00 PM	20.75
26		Chicken	Barbecued Chicken, Red Peppers, Green Peppers, Tomatoes, Red Onio...	1/1/2015 1:02:00 PM	20.75
27		Chicken	Chicken, Artichoke, Spinach, Garlic, Jalapeno Peppers, Fontina Cheese,...	1/1/2015 1:02:00 PM	20.75
28		Chicken	Chicken, Artichoke, Spinach, Garlic, Jalapeno Peppers, Fontina Cheese,...	1/1/2015 1:02:00 PM	16.75
29		Classic	Mozzarella Cheese, Pepperoni	1/1/2015 1:02:00 PM	15.25
30		Chicken	Chicken, Artichoke, Spinach, Garlic, Jalapeno Peppers, Fontina Cheese...	1/1/2015 1:04:00 PM	20.75

Query Settings

PROPERTIES

Name
ordered_pizza_details

All Properties

APPLIED STEPS

Source

Expanded pizza_details

Sorted Rows

Merged Queries

Expanded orders

Changed Type

Added Custom

11 COLUMNS, 999+ ROWS Column profiling based on top 1000 rows

PREVIEW DOWNLOADED AT 7:57 PM

FileHomeTransformAdd ColumnViewToolsHelp

Group By

Use First Row as Headers

Count Rows

Transpose

Reverse Rows

Count Rows

Data Type: Whole Number

Replace Values

Unpivot Columns

Detect Data Type

Fill

Pivot Column

Rename

Move

Convert to List

Split Column

Format

Extract

Merge Columns

Parse

Statistics

Standard

Scientific

Trigonometry

Rounding

Information

Date

Time

Duration

Run R script

Run Python script

Queries [7]

order_details

orders

pizza_types

pizzas

pizza_details

ordered_pizza_details

ordered_amount_details

123 order_details_id

1.2 total_amount

1	1	13.25
2	2	16
3	3	18.5
4	4	20.75
5	5	16
6	6	20.75
7	7	16.5
8	8	20.75
9	9	16.5
10	10	16.5
11	11	12.75
12	12	12
13	13	12.5
14	14	12.5
15	15	12
16	16	12
17	17	20.5
18	18	20.75
19	19	12.5
20	20	12
21	21	20.75
22	22	20.75
23	23	12
24	24	20.25
25	25	20.75
26	26	20.75
27	27	20.75
28	28	16.75
29	29	15.25
30	30	20.75

= Table.Group(#"Added Custom", {"order_details_id"}, {"total_amount", each List.Sum([Amount]), type number})

Query Settings

PROPERTIES

Name

ordered_amount_details

All Properties

APPLIED STEPS

Source

Expanded pizza_details

Sorted Rows

Merged Queries

Expanded orders

Changed Type

Added Custom

Grouped Rows

2 COLUMNS, 999+ ROWS

Column profiling based on top 1000 rows

PREVIEW DOWNLOADED AT 8:07 PM