

Tableau Prep Builder - Flow1*

File Edit Flow Server Help

Connections

- Orders_East.xlsx Microsoft Excel
- Orders_Central.csv Text File
- Orders_West.csv Text File
- orders_south_2015.c... Text File
- return reasons_new... Microsoft Excel

Orders_East Clean 5

Changes (3)

- Remove Letters
Removes letters from all values
- Change Type
Sales
To Number (decimal) type
- Group Values
Postal Code
null replaced by "1,200"

Category City Country Customer ID Customer N... Discount

Furniture	Philadelphia	United States	SF-20065	Sandra Flanagan	0.3
Office Supplies	Philadelphia	United States	TB-21520	Tracy Blumstein	0.7
Office Supplies	Philadelphia	United States	TB-21520	Tracy Blumstein	0.7
Office Supplies	Philadelphia	United States	FH-14365	Fred Hopkins	0.7
Technology	Medina	United States	VW-21775	Victoria Wilson	0.7
Office Supplies	Dublin	United States	JB-15925	Joni Blumstein	0.7
Technology	Dublin	United States	JB-15925	Joni Blumstein	0.7
Office Supplies	Philadelphia	United States	PO-18850	Patrick O'Brill	0.7
Office Supplies	Philadelphia	United States	JL-15850	John Lucas	0.7
Office Supplies	Philadelphia	United States	JL-15850	John Lucas	0.7
Office Supplies	Philadelphia	United States	JD-15895	Jonathan Doherty	0.7
Technology	Philadelphia	United States	DK-13225	Dean Katz	0.7
Office Supplies	Philadelphia	United States	AR-10510	Andrew Roberts	0.7
Office Supplies	Philadelphia	United States	CK-12595	Clytie Kelly	0.7
Office Supplies	Columbus	United States	CR-12730	Craig Reiter	0.7
Office Supplies	Chester	United States	JO-15550	Jesus Ocampo	0.7
Office Supplies	Chester	United States	JO-15550	Jesus Ocampo	0.7
Office Supplies	Columbus	United States	BM-11785	Bryan Mills	0.7
Office Supplies	Philadelphia	United States	CA-12775	Cynthia Arntzen	0.7
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Orders_Central Clean 1 Union 1 Clean 9 Join 1

Changes (15)

- Calculated Field
Region
'Central'
- Calculated Field
Order date
MAKEDATE([Order Year],[Order Month],[Order Day])
- Calculated Field
Ship Date
MAKEDATE([Ship Year],[Ship Month],[Ship Day])
- Remove Field
Order Year
- Remove Field
Order Month
- Remove Field
Order Day
- Remove Field
Ship Year
- Remove Field
Ship Month
- Remove Field
Ship Day

Is Duplicate ... Ship Date Order date Region Row ID Order ID

Unique	24/06/2015	20/06/2015	Central	3,511	CA-2015-166863
Unique	24/07/2015	20/07/2015	Central	3,076	CA-2015-143903
Unique	22/04/2016	18/04/2016	Central	9,301	US-2016-163433
Unique	19/04/2017	15/04/2017	Central	1,591	US-2017-132423
Unique	24/11/2015	19/11/2015	Central	9,648	CA-2015-150518
Unique	27/09/2016	24/09/2016	Central	4,074	US-2016-164308
Unique	23/11/2016	21/11/2016	Central	6,676	CA-2016-109337
Unique	13/12/2015	08/12/2015	Central	1,794	CA-2015-104773
Unique	24/06/2016	19/06/2016	Central	9,391	CA-2016-163734
Unique	16/03/2018	13/03/2018	Central	9,392	CA-2018-162474
Unique	22/05/2018	20/05/2018	Central	4,365	CA-2018-111332
Unique	06/09/2018	04/09/2018	Central	3,514	CA-2018-140326
Unique	01/01/2019	28/12/2018	Central	6,822	CA-2018-163860
Unique	09/11/2015	07/11/2015	Central	3,186	CA-2015-123498
Unique	17/06/2017	11/06/2017	Central	2,430	CA-2017-166922
Unique	24/12/2018	18/12/2018	Central	8,933	CA-2018-143252
Unique	13/03/2018	13/03/2018	Central	5,568	CA-2018-157966
Unique	17/05/2018	13/05/2018	Central	2,596	CA-2018-149048
Unique	27/07/2018	23/07/2018	Central	8,185	US-2018-101721
Unique	21/11/2018	19/11/2018	Central	1,600	CA-2018-158876

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Flow Diagram: Orders_Central → Clean1 → Union1 → Clean9 → Join1 → Publish. Orders_West → Clean7 → Union1. returns_new → Clean10 → Join1.

Clean 7: 21 fields, 10K rows. Filter Values... Identify Duplicate Rows Rename Fields... 4 Recommendations Search

Changes (4)

- Remove Fields: Right_Row ID
- Change Role: Country (To Country/Region)
- Month Number: Order Date (Convert dates to month numbers)
- Group Values: State ("AZ" replaced by "amritsar")

Row ID	Order ID	Order Date	Ship Date	Ship Mode	Customer ID
3,836	CA-2015-100363	4	15/04/2015, 12:00:00 am	Standard Class	JM-15655
3,837	CA-2015-100363	4	15/04/2015, 12:00:00 am	Standard Class	JM-15655
3,836	CA-2015-100363	4	15/04/2015, 12:00:00 am	Standard Class	JM-15655
3,837	CA-2015-100363	4	15/04/2015, 12:00:00 am	Standard Class	JM-15655
4,565	CA-2015-101175	12	14/12/2015, 12:00:00 am	Standard Class	DM-12955
68	CA-2015-106376	12	10/12/2015, 12:00:00 am	Standard Class	BS-11590
69	CA-2015-106376	12	10/12/2015, 12:00:00 am	Standard Class	BS-11590
68	CA-2015-106376	12	10/12/2015, 12:00:00 am	Standard Class	BS-11590
69	CA-2015-106376	12	10/12/2015, 12:00:00 am	Standard Class	BS-11590
3,223	CA-2015-108189	10	05/10/2015, 12:00:00 am	First Class	ES-14080
3,224	CA-2015-108189	10	05/10/2015, 12:00:00 am	First Class	ES-14080
3,225	CA-2015-108189	10	05/10/2015, 12:00:00 am	First Class	ES-14080
3,226	CA-2015-108189	10	05/10/2015, 12:00:00 am	First Class	ES-14080
3,227	CA-2015-108189	10	05/10/2015, 12:00:00 am	First Class	ES-14080
3,228	CA-2015-108189	10	05/10/2015, 12:00:00 am	First Class	ES-14080
3,229	CA-2015-108189	10	05/10/2015, 12:00:00 am	First Class	ES-14080
3,223	CA-2015-108189	10	05/10/2015, 12:00:00 am	First Class	ES-14080
3,224	CA-2015-108189	10	05/10/2015, 12:00:00 am	First Class	ES-14080
3,225	CA-2015-108189	10	05/10/2015, 12:00:00 am	First Class	ES-14080
3,226	CA-2015-108189	10	05/10/2015, 12:00:00 am	First Class	ES-14080

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Flow Diagram: Orders_West → Clean7 → Union1 → Clean9 → Join1 → Publish. returns_new → Clean10 → Join1.

Input: 22 fields. Filter Values... 3 Recommendations Data Preview Field List Search

Settings Tables Data Sample Changes (1)

- Remove Field: Source Row Number (Auto-generated field. Include the field to use it in your flow.)

Preview: orders_south_2015 22 fields

	Source Row Number	Sales	Quantity	Profit	Discount
1	1	503.96	4	131.0296	0
2	2	149.95	5	41.986	0
3	3	29	2	7.25	0
4	4	18.648	7	-12.432	0.7
5	5	178.384	2	22.298	0.2
6	6	15.552	3	5.4432	0.2
7	7	9.568	2	3.4684	0.2
8	8	39.072	6	9.768	0.2
9	9	4.812	2	-3.6892	0.7
10	10	247.8	5	-18.585	0.2
11	11	19.456	4	3.4048	0.2
12	12	13	5	1.3	0.2
13	13	13.128	3	3.7743	0.2
14	14	142.776	1	17.847	0.2
15	15	45.696	3	5.1408	0.2
16	16	7.218	3	-5.5338	0.7
17	17	43.188	4	-31.6712	0.7

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Flow: Orders_Central → Clean 1 → Union 1 → Clean 9 → Join 1

Union 1: 26 fields, 15K rows

Settings

Inputs

- orders_south_2015
- Clean 7
- Clean 5
- Clean 1

Resulting Fields

7 Mismatching fields from 26 resulting fields.

Mismatched Fields

- Order date
- Is Duplicate Row?
- Discount
- Order Date
- Product Name
- Product
- Discounts

Union Results

Table Names	Is Duplicate ...	Order date	Product	Discounts	Row ID
orders_south_2015.csv	null	null	null	null	183
orders_south_2015.csv	null	null	null	null	184
orders_south_2015.csv	null	null	null	null	185
orders_south_2015.csv	null	null	null	null	231
orders_south_2015.csv	null	null	null	null	315
orders_south_2015.csv	null	null	null	null	316
orders_south_2015.csv	null	null	null	null	403
orders_south_2015.csv	null	null	null	null	404
orders_south_2015.csv	null	null	null	null	435
orders_south_2015.csv	null	null	null	null	436
orders_south_2015.csv	null	null	null	null	556
orders_south_2015.csv	null	null	null	null	562
orders_south_2015.csv	null	null	null	null	563
orders_south_2015.csv	null	null	null	null	603
orders_south_2015.csv	null	null	null	null	604
orders_south_2015.csv	null	null	null	null	605
orders_south_2015.csv	null	null	null	null	606
orders_south_2015.csv	null	null	null	null	607
orders_south_2015.csv	null	null	null	null	686

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- return reasons_new... (Microsoft Excel)

Flow: Orders_West → Clean 7 → Clean 10 → returns_new → Clean 10

Clean 10: 9 fields, 275 rows

Changes (0)

No data changes. Clean and transform your data and see a list of your changes here.

Table Data:

Row ID	Order Date	Order ID	Product ID	Sub-Category	Manufacturer
9,825	August 15, 2014	US-2015-164406	OFF-BI-10002309	Binders	Avery
1,973	December 14, 2014	CA-2015-148950	OFF-BI-10001249	Binders	Avery
436	December 19, 2014	US-2015-150574	TEC-AC-10002600	Accessories	Belkin
5,738	January 20, 2014	CA-2015-148614	FUR-FU-10003194	Furnishings	Eldon
4,399	July 7, 2014	US-2015-138758	FUR-FU-10003039	Furnishings	Howard Miller
7,578	November 2, 2014	CA-2015-134726	TEC-PH-10001750	Phones	Samsung
1,162	September 1, 2014	CA-2015-126522	OFF-AR-10004042	Art	Boston
8,655	September 13, 2014	CA-2015-142769	TEC-AC-10003399	Accessories	Memorex
7,461	April 11, 2015	US-2016-136987	TEC-CO-10001943	Copiers	Canon
2,291	April 20, 2015	CA-2016-149342	TEC-PH-10001557	Phones	Pyle
1,461	December 1, 2015	CA-2016-119907	OFF-BI-10001765	Binders	Wilson Jones
3,291	December 13, 2015	CA-2016-157770	TEC-AC-10003399	Accessories	Memorex
2,250	February 15, 2015	CA-2016-116092	OFF-BI-10000546	Binders	Avery
6,067	January 17, 2015	CA-2016-151547	OFF-SU-10000898	Supplies	Acme
4,228	January 5, 2015	CA-2016-154970	FUR-CH-10003396	Chairs	Global
7,718	January 6, 2015	CA-2016-149636	OFF-BI-10002764	Binders	Other
3,297	May 23, 2015	US-2016-110569	OFF-BI-10001036	Binders	Cardinal
4,194	November 16, 2015	CA-2016-150875	TEC-PH-10001254	Phones	Jabra
800	November 27, 2015	CA-2016-101910	FUR-CH-10002647	Chairs	Other
6,424	October 24, 2015	CA-2016-149650	FUR-CH-10003956	Chairs	Novimex

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Flow Diagram:

```

graph LR
    Orders_East --> Clean5
    Orders_Central --> Clean1
    Orders_West --> Clean7
    orders_south_2015_c... --> Clean10
    Clean5 --> Union1
    Clean1 --> Union1
    Clean7 --> Union1
    Clean10 --> Union1
    Union1 --> Clean9
    Clean9 --> Join1
    
```

Join 1: 35 fields, 604 rows

Filter Values... Identify Duplicate Rows Create Calculated Field...

Settings

Applied Join Clauses

Clean 9 = Clean 10

Row ID = Row ID

Join Type: Inner

Click the graphic to change the join type.

Summary of Join Results

Click the bar segments to view the included and excluded values.

Mismatched values

	Included	Excluded
Clean 9	604	14,427
Clean 10	254	21
Join Result	604	

Join Clause Recommendations

Product ID = Product ID

Sub-Category = Sub-Category

Join Clauses

Show only mismatched values

Clean 9	Clean 10
↑ Row ID	↑ Row ID
3	19
6	58
7	91
8	136
9	138
10	140
11	203
12	213
14	215
15	324
16	382
17	436
18	463
19	487
20	501
21	521
22	592
23	633
24	639

Join Results

Table Names	Is Duplicate ...	Order date	Pro
orders_south_2015.csv	null	null	ns
orders_south_2015.csv	null	null	ns
orders_south_2015.csv	null	null	ns
orders_south_2015.csv	null	null	ns
orders_south_2015.csv	null	null	ns
orders_south_2015.csv	null	null	ns
Orders_Central.csv	Unique	11/12/2016	El
Orders_Central.csv	Unique	11/07/2015	Pe
Orders_Central.csv	Unique	14/11/2018	Bi
Orders_Central.csv	Unique	03/03/2017	Pl
Orders_Central.csv	Unique	18/11/2018	Av
Orders_Central.csv	Unique	06/12/2015	Si
Orders_Central.csv	Unique	24/11/2015	Xe
Orders_Central.csv	Unique	11/11/2016	Hi
Orders_Central.csv	Unique	17/06/2018	Rz
Orders_Central.csv	Unique	29/08/2018	Ar
Orders_Central.csv	Unique	29/08/2018	Ar
Orders_Central.csv	Unique	03/12/2015	Xi
Orders_Central.csv	Unique	04/12/2018	Ar

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Flow Diagram:

```

graph LR
    Orders_East --> Clean5
    Orders_Central --> Clean1
    Orders_West --> Clean7
    orders_south_2015_c... --> Clean10
    Clean5 --> Union1
    Clean1 --> Union1
    Clean7 --> Union1
    Clean10 --> Union1
    Union1 --> Clean9
    Clean9 --> Join1
    
```

Join 1: 35 fields, 604 rows

Filter Values... Identify Duplicate Rows Create Calculated Field...