

Gold Table

Gold Table
Proof of Concept

full_name	phone_num	customer_id	UnitPrice	Quantity	CustomerID
Michael Kelly	(505)-700-2283	18287	0.85	12	18287
Michael Kelly	(505)-700-2283	18287	3.75	4	18287
Michael Kelly	(505)-700-2283	18287	2.55	12	18287
Michael Kelly	(505)-700-2283	18287	0.85	24	18287
Michael Kelly	(505)-700-2283	18287	4.25	4	18287
Michael Kelly	(505)-700-2283	18287	0.39	24	18287

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What's happening in the Gold Table?

- Only querying columns UnitPrice, Quantity, CustomerID, full_name, and phone_number
- It collects this data and merges it into a Gold table, specifically connecting the foreign keys CustomerID from Online Retail and customer_id from Retail Customer
- This is a Gold Table POC. Infinture will be able to query the data however they choose.

Silver Table

Online Retail
Silver Table

TIMESTAMP	InvoiceNo	StockCode	Description	Quantity	InvoiceDate	U
2022-07-26 15:22:45.000	536367	22748	Brad is a cill pickle	36	12/1/2010 8:34	
2022-07-18 18:22:28.743	888888	888888	vash2 is a dill pickles	8	10/12/2011 10:23	
2022-07-18 18:22:28.743	88888	85123A	ANTON TEST WHITE	6	12/1/2010 8:26	
2022-07-18 18:22:28.743	88888	85123A	ANTON TEST WHITE	6	12/1/2010 8:26	
2022-07-18 18:22:28.743	88888	85123A	ANTON TEST WHITE	6	12/1/2010 8:26	
2022-07-18 18:22:28.743	8888888	85123A	ANTON TEST WHITE	6	12/1/2010 8:26	
2022-07-18 18:22:28.743	536408	85123A	ANTON TEST WHITE	6	12/1/2010 8:26	
2022-07-18 18:22:28.743	88888	85123A	ANTON TEST WHITE	6	12/1/2010 8:26	
2022-07-18 18:22:28.743	88888	85123A	ANTON TEST WHITE	6	12/1/2010 8:26	
2022-07-18 18:22:28.743	581587	22138	BAKING SET 9 PIECE RETROSPOT	3	12/9/2011 12:50	
2022-07-18 18:22:28.743	581587	23255	CHILDRENS CUTLERY CIRCUS PARAD	4	12/9/2011 12:50	
2022-07-18 18:22:28.743	581587	23254	CHILDRENS CUTLERY DOLLY GIRL	4	12/9/2011 12:50	
2022-07-18 18:22:28.743	581587	22899	CHILDREN'S APRON DOLLY GIRL	6	12/9/2011 12:50	
2022-07-18 18:22:28.743	581587	22613	PACK OF 20 SPACEBOY NAPKINS	12	12/9/2011 12:50	
2022-07-18 18:22:28.743	581587	23256	CHILDRENS CUTLERY SPACEBOY	4	12/9/2011 12:50	
2022-07-18 18:22:28.743	581587	22629	SPACEBOY LUNCH BOX	12	12/9/2011 12:50	
2022-07-18 18:22:28.743	581587	22367	CHILDRENS APRON SPACEBOY DESIG	8	12/9/2011 12:50	
2022-07-18 18:22:28.743	581587	22730	ALARM CLOCK BAKELIKE IVORY	4	12/9/2011 12:50	
2022-07-18 18:22:28.743	581587	22726	ALARM CLOCK BAKELIKE GREEN	4	12/9/2011 12:50	
2022-07-18 18:22:28.743	581587	22727	ALARM CLOCK BAKELIKE RED	4	12/9/2011 12:50	
2022-07-18 18:22:28.742	581587	22728	ALARM CLOCK BAKELIKE PINK	4	12/9/2011 12:50	
2022-07-18 18:22:28.742	581587	22555	PLASTERS IN TIN STRONGMAN	12	12/9/2011 12:50	
2022-07-18 18:22:28.742	581587	22556	PLASTERS IN TIN CIRCUS PARADE	12	12/9/2011 12:50	
2022-07-18 18:22:28.742	581587	22631	CIRCUS PARADE LUNCH BOX	12	12/9/2011 12:50	

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Retail Customers
Silver Table

TIMESTAMP	customer_id	phone_num	email_address	email_opt_in
2022-07-18 18:22:24.929	18287	(505)-700-2283	Michael.Kelly@AOL.com	N
2022-07-18 18:22:24.929	18283	(207)-827-3793	Elizabeth.Foster@yahoo.com	N
2022-07-18 18:22:24.929	18282	(133)-828-2458	James.Ragsdale@outlook.com	Y
2022-07-18 18:22:24.929	18281	(703)-538-4258	Arlen.Guerrero@yahoo.com	Y
2022-07-18 18:22:24.929	18280	(221)-757-6867	Guy.Roth@AOL.com	Y
2022-07-18 18:22:24.929	18278	(777)-290-2537	Sharon.Wohlenhaus@yahoo.com	Y
2022-07-18 18:22:24.929	18277	(694)-283-5566	Nathaniel.Mccall@outlook.com	Y
2022-07-18 18:22:24.929	18276	(259)-138-0725	Avery.Haggerty@outlook.com	N
2022-07-18 18:22:24.929	18274	(454)-830-5115	Dennis.Eytcheson@yahoo.com	Y
2022-07-18 18:22:24.929	18273	(337)-644-4518	Anna.Bowman@gmail.com	Y
2022-07-18 18:22:24.929	18272	(610)-262-6983	Stephen.Walz@outlook.com	Y
2022-07-18 18:22:24.929	18270	(854)-071-7693	Michael.Johnson@outlook.com	Y
2022-07-18 18:22:24.929	18269	(576)-946-8162	Freddie.Larocche@outlook.com	Y
2022-07-18 18:22:24.929	18268	(211)-993-0387	William.Friedmann@outlook.com	N
2022-07-18 18:22:24.929	18265	(713)-135-2691	Thomas.Cox@yahoo.com	Y
2022-07-18 18:22:24.929	18263	(793)-307-1362	Eddie.Tipton@AOL.com	N
2022-07-18 18:22:24.929	18262	(026)-502-0930	Terry.Shingler@outlook.com	Y
2022-07-18 18:22:24.929	18261	(399)-501-0312	Christa.Dominguez@yahoo.com	N
2022-07-18 18:22:24.929	18260	(029)-963-5962	Rafael.Capozzoli@yahoo.com	N
2022-07-18 18:22:24.929	18259	(699)-381-3910	John.Dehetre@outlook.com	N
2022-07-18 18:22:24.929	18257	(120)-812-1666	Evalyn.Allen@gmail.com	Y
2022-07-18 18:22:24.929	18256	(234)-813-2686	Terence.Lampkin@yahoo.com	Y
2022-07-18 18:22:24.929	18255	(029)-963-5962	Effie.Sweeney@yahoo.com	Y
2022-07-18 18:22:24.929	18252	(099)-244-4832	Ruby.Bowers@gmail.com	Y
2022-07-18 18:22:24.929	18251	(270)-629-8575	Mary.Simmers@outlook.com	N

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What's happening in the Silver tables?

- Any changes made using MySQL queries have been inserted, updated, or deleted!
- Unlike the Bronze Table, changes made aren't recorded in new rows, unless they are inserts. Updates and deletes are made in their designated rows, whether that be dependent on InvoiceNo, CustomerID, etc.!

Bronze Tables

Online Retail
Bronze Table

Op	TIMESTAMP	InvoiceNo	StockCode	Description	Quantity	InvoiceDate
U	2022-07-26 15:22:45.000	536367	22748	Brad is a cill pickle	36	12/1/2010
U	2022-07-26 15:06:46.000	536367	22748	Brad is a dill	36	12/1/2010
U	2022-07-26 13:04:02.000	536367	22748	Brad is a dill pickle	36	12/1/2010
U	2022-07-21 14:31:13.000	536367	22748	Anton is a dill pickle	36	12/1/2010
U	2022-07-21 13:55:45.000	536367	22748	Anton is a dill pickle	6	12/1/2010
U	2022-07-21 01:54:58.000	536365	85123A	Abby is a dill pickle	6	12/1/2010
U	2022-07-21 01:32:06.000	536365	85123A	vash is a dill pickle	6	12/1/2010
U	2022-07-21 00:51:35.000	536373	20679	vash is a dill pickle	6	12/1/2010
D	2022-07-18 18:50:47.000	536365	84029G	vash2 is a chill pickles	6	12/1/2010
U	2022-07-18 18:41:03.000	536365	84029G	vash2 is a chill pickles	6	12/1/2010
I	2022-07-18 18:22:28.743	888888	888888	vash2 is a dill pickles	8	10/12/2011 10:23
I	2022-07-18 18:22:28.743	88888	85123A	ANTON TEST WHITE	6	12/1/2010
I	2022-07-18 18:22:28.743	88888	85123A	ANTON TEST WHITE	6	12/1/2010
I	2022-07-18 18:22:28.743	88888	85123A	ANTON TEST WHITE	6	12/1/2010
I	2022-07-18 18:22:28.743	8888888	85123A	ANTON TEST WHITE	6	12/1/2010
I	2022-07-18 18:22:28.743	8888888	85123A	ANTON TEST WHITE	6	12/1/2010
I	2022-07-18 18:22:28.743	8888888	85123A	ANTON TEST WHITE	6	12/1/2010
I	2022-07-18 18:22:28.743	536408	85123A	ANTON TEST WHITE	6	12/1/2010
I	2022-07-18 18:22:28.743	88888	85123A	ANTON TEST WHITE	6	12/1/2010
I	2022-07-18 18:22:28.743	88888	85123A	ANTON TEST WHITE	6	12/1/2010
I	2022-07-18 18:22:28.743	581587	22138	BAKING SET 9 PIECE RETROSPOT	3	12/9/2011 12:50
I	2022-07-18 18:22:28.743	581587	23255	CHILDRENS CUTLERY CIRCUS PARAD	4	12/9/2011 12:50
I	2022-07-18 18:22:28.743	581587	23254	CHILDRENS CUTLERY DOLLY GIRL	4	12/9/2011 12:50
I	2022-07-18 18:22:28.743	581587	22899	CHILDREN'S APRON DOLLY GIRL	6	12/9/2011 12:50
I	2022-07-18 18:22:28.743	581587	22613	PACK OF 20 SPACEBOY NAPKINS	12	12/9/2011 12:50
I	2022-07-18 18:22:28.743	581587	23256	CHILDRENS CUTLERY SPACEBOY	4	12/9/2011 12:50

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Retail Customers
Bronze Table

Op	TIMESTAMP	customer_id	phone_num	email_address	email_opt_in
U	2022-07-21 14:20:49.000	12350	(854)-875-1231	Frank.Ramirez@AOL.com	N
U	2022-07-21 14:13:08.000	12350	(854)-875-1231	Frank.Ramirez@AOL.com	N
I	2022-07-18 18:22:24.929	18287	(505)-700-2283	Michael.Kelly@AOL.com	N
I	2022-07-18 18:22:24.929	18283	(207)-827-3793	Elizabeth.Foster@yahoo.com	N
I	2022-07-18 18:22:24.929	18282	(133)-828-2458	James.Ragsdale@outlook.com	Y
I	2022-07-18 18:22:24.929	18281	(703)-538-4258	Arlen.Guerrero@yahoo.com	Y
I	2022-07-18 18:22:24.929	18280	(221)-757-6867	Guy.Roth@AOL.com	Y
I	2022-07-18 18:22:24.929	18278	(777)-280-2537	Sharon.Wohlenhaus@yahoo.com	Y
I	2022-07-18 18:22:24.929	18277	(694)-283-5568	Nathaniel.Mccall@outlook.com	Y
I	2022-07-18 18:22:24.929	18276	(255)-138-0725	Avery.Haggerty@outlook.com	N
I	2022-07-18 18:22:24.929	18274	(454)-830-5115	Dennis.Eytcheson@yahoo.com	Y
I	2022-07-18 18:22:24.929	18273	(337)-844-4518	Anna.Bowman@gmail.com	Y
I	2022-07-18 18:22:24.929	18272	(610)-262-6983	Stephen.Walz@outlook.com	Y
I	2022-07-18 18:22:24.929	18270	(854)-071-7693	Michael.Johnson@outlook.com	Y
I	2022-07-18 18:22:24.929	18269	(576)-946-8162	Freddie.Larocche@outlook.com	Y
I	2022-07-18 18:22:24.929	18268	(211)-993-0387	William.Friedmann@outlook.com	N
I	2022-07-18 18:22:24.929	18265	(713)-135-2691	Thomas.Cox@yahoo.com	Y
I	2022-07-18 18:22:24.929	18263	(792)-307-1362	Eddie.Tipton@AOL.com	N
I	2022-07-18 18:22:24.929	18262	(026)-502-0930	Terry.Shingler@outlook.com	Y
I	2022-07-18 18:22:24.929	18261	(399)-501-0312	Christa.Dominguez@yahoo.com	N
I	2022-07-18 18:22:24.929	18260	(029)-963-5962	Rafael.Capozzoli@yahoo.com	N
I	2022-07-18 18:22:24.929	18259	(699)-381-3910	John.Dehetre@outlook.com	N
I	2022-07-18 18:22:24.929	18257	(120)-812-1666	Evalyn.Allen@gmail.com	Y
I	2022-07-18 18:22:24.929	18256	(234)-813-2686	Terence.Lampkin@yahoo.com	Y
I	2022-07-18 18:22:24.929	18255	(029)-963-5962	Effie.Sweeney@yahoo.com	Y

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What's happening in the Bronze Tables?

- Contains raw data
- Thousands of rows of information
- There is an Op column containing I, U, or D: I means to insert the data, U means to update the data, and D means to delete the data.
- There will be a new row created for each instance of data, regardless of whether it is I, U, or D. These changes are later applied in the Silver Bucket

What can we do with our Gold Table?

