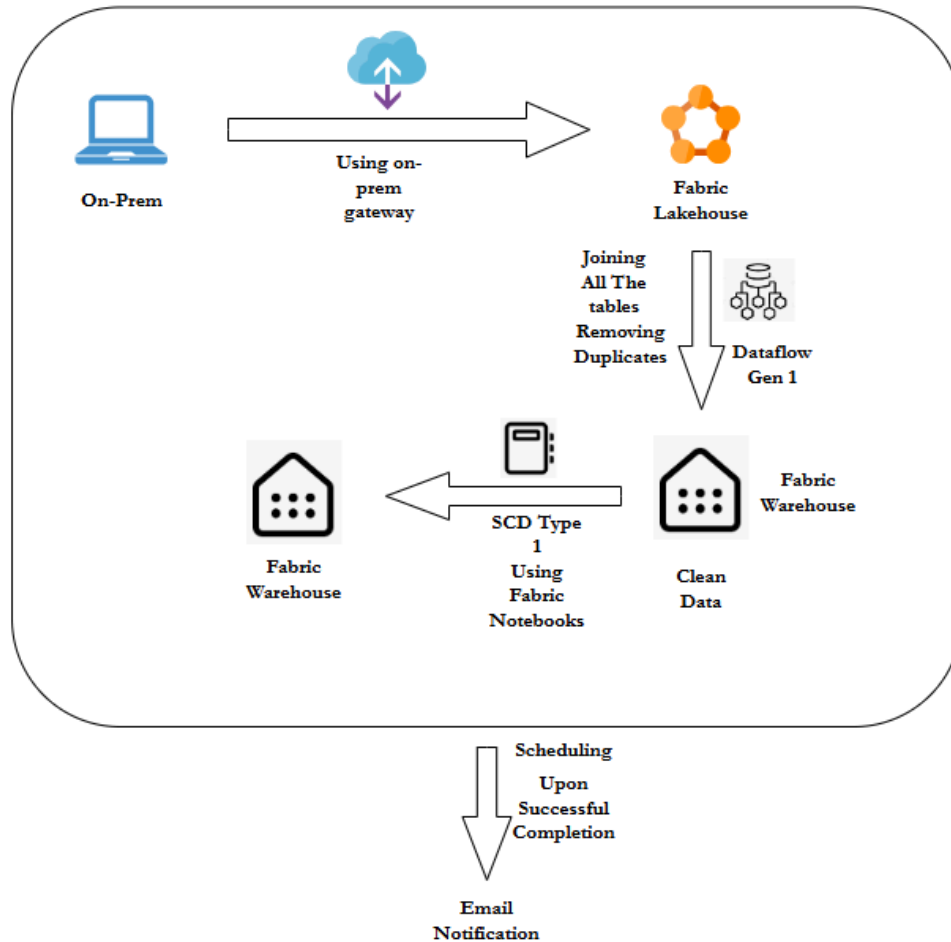


Bootcamp Project 4



The architecture for the project

Bronze Layer: For this layer I brought all the 5 raw files from on-premises to the Fabric Lakehouse using **On-Prem Gateway** that I installed.

The connection using On-Prem Gateway

Edit connection

Folder
C:\

Connection name
sabrconnection

Data gateway
[On-premises] sabrgateway

Authentication kind
Windows

Username
domain\alias

Password

☒ This connection can be used with on-premise data gateways and VNet data gateways.

Update Cancel

In the source, I selected List of Files as it brings all the files in the selected folder:

The screenshot shows the 'Source' configuration tab. At the top, there are tabs for 'General', 'Source' (which is selected), 'Destination', 'Mapping', and 'Settings'. Below the tabs, the 'Connection' is set to 'sabrconnection'. To the right of the connection dropdown are buttons for 'Refresh', 'Test connection', and 'Edit'. The 'File path type' section has four radio buttons: 'File path', 'File filter', 'Wildcard file path', and 'List of files' (which is selected). Below this, the 'Folder path' is set to 'ncpl', with 'Browse' and 'Preview data' buttons. The 'Path to file list' field is empty, with a 'Browse' button. The 'File format' is set to 'DelimitedText', with a 'Settings' button. At the bottom, there is a link to '> Advanced'.

Destination:

The screenshot shows the 'Destination' configuration tab. At the top, there are tabs for 'General', 'Source', 'Destination' (which is selected), 'Mapping', and 'Settings'. Below the tabs, the 'Connection' is set to 'SabrLakehouse'. To the right of the connection dropdown are buttons for 'Refresh' and 'Open'. The 'Root folder' section has two radio buttons: 'Tables' and 'Files' (which is selected). Below this, the 'File path' is set to 'projec4_rawFiles', followed by a slash and a 'File name' field. To the right of these fields are 'Browse' and 'Preview data' buttons. The 'File format' is set to 'DelimitedText', with a 'Settings' button. At the bottom, there is a link to '> Advanced'.

Here the destination is Lakehouse, **SabrLakehouse**.

app.fabric.microsoft.com/groups/0460c73d-f5d1-43e3-8369-83c2561f66c3/pipelines/1ebc116d-daeef-4d26-bf93-5110227fa645?experience=fabric-developer&capacityObjectId=93A3C263-A802-4FE4-B489-0E240

bronze_pipeline

Home Activities **Run** View

Validate Run Schedule Add trigger View run history

Delete data Copy data

Delete data1 Copy data1

Parameters Variables Settings **Output** Library variables (preview)

Pipeline run ID: 54c53973-e38f-420d-a925-56795de57a4d Pipeline status: Succeeded

Filter by keyword Showing 1 - 2 items

Activity name	Activity status	Run start	Duration	Input
Copy data1	Succeeded	5/5/2025, 9:19:19 PM	4m 18s	
Delete data1	Succeeded	5/5/2025, 9:19:09 PM	7s	

The above SC shows the successfully running copy data activity.

Get data New semantic model Open notebook Manage OneLake data access (preview)

A SQL analytics endpoint for SQL querying was created with this item.

Explorer

Search tables

SabrLakehouse

- Tables
- Files
 - projec4_rawFiles

Files > projec4_rawFiles

Name	Date modified	Type	Size
accounts.csv	5/5/2025, 9:12:02 PM	csv	2 KB
customers.csv	5/5/2025, 9:12:03 PM	csv	4 KB
loan_payments.csv	5/5/2025, 9:12:02 PM	csv	2 KB
loans.csv	5/5/2025, 9:12:03 PM	csv	2 KB
transactions.csv	5/5/2025, 9:12:02 PM	csv	3 KB

The above are the files in Lakehouse.

For silver layer:

Get data

Choose data

Search

Display options

DataflowsStagingLakehouse

SabrLakehouse [19]

Files

queryinsights.exec_req...

queryinsights.exec_ses...

queryinsights.frequent...

queryinsights.long_run...

sys.managed_delta_ta...

sys.managed_delta_ta...

sys.managed_delta_ta...

sys.managed_delta_ta...

sys.sys_dw_checkpoint...

sys.sys_dw_manifest_fil...

sys.sys_dw_physical_ta...

sys.sys_dw_physical_ta...

sys.sys_dw_schemas

accounts_raw

customers_raw

loan_payments_raw

loans_raw

transactions_raw

transactions_raw

1,2 transaction_id	1,3 account_id	transaction_date	1,2 transaction_amount	1,3 transaction_type
1	45	1/1/2024	100.5	Deposit
2	12	1/2/2024	200.75	Withdrawal
3	78	1/3/2024	150	Deposit
4	34	1/4/2024	300.25	Withdrawal
5	56	1/5/2024	250	Deposit
6	23	1/6/2024	175	Withdrawal
7	89	1/7/2024	225.5	Deposit
8	67	1/8/2024	275.75	Withdrawal
9	14	1/9/2024	325	Deposit
10	92	1/10/2024	375.25	Withdrawal
11	3	1/11/2024	100.5	Deposit
12	81	1/12/2024	200.75	Withdrawal
13	29	1/13/2024	150	Deposit
14	64	1/14/2024	300.25	Withdrawal
15	47	1/15/2024	250	Deposit
16	18	1/16/2024	175	Withdrawal
17	99	1/17/2024	225.5	Deposit
18	5	1/18/2024	275.75	Withdrawal
19	76	1/19/2024	325	Deposit
20	21	1/20/2024	375.25	Withdrawal
21	53	1/21/2024	100.5	Deposit
22	37	1/22/2024	200.75	Withdrawal
23	88	1/23/2024	150	Deposit
24	11	1/24/2024	300.25	Withdrawal
25	66	1/25/2024	250	Deposit

Back

Selecting the sources for Dataflow

For the accounts table, the SC shows the changed datatypes:

← → ↺

app.fabric.microsoft.com/workloads/dataflows/author/capacityObjectId/93A3C263-A802-4F...

Gmail

YouTube

Maps

Homepage - eCone...

ChatGPT

ssabrup@gmail.co...

curri

⋮

Dataflow 1 ▾

Home

Workspaces

OneLake

Monitor

Real-Time

Workloads

abrworkspa
ce

ilver_pipel
ne

SabrLakeho
use

SabrLakeho
use

ronze_pipe
line

⋮

Power Query

Dataflow 1

✔ Dataflow saved

Home

Transform

Add column

View

Help

📊 Data view ▾

📄 Schema view

📄 Script ▾

📄 Diagram view ▾

⚙️ Query settings

Queries [5]

accounts_raw

Source

Navigation 1

Navigation 2

Navigation 3

Changed column...

customers_raw

Source

Navigation 1

Navigation 2

Navigation 3

loan_payments_raw

Source

Navigation 1

Navigation 2

Navigation 3

^ ▾

✕ ✓ *fx*

Table.TransformColumnTypes("#Navigation 3", {{"account_id", Int64.Type

	123 account_id ▾	123 customer_id ▾	ABC account_type ▾	\$ balance ▾
6	6	23	Checking	1,200.50
7	7	89	Savings	800.75
8	8	67	Checking	2,200.00
9	9	14	Savings	900.25
10	10	92	Checking	1,800.50
11	11	3	Savings	1,100.75
12	12	81	Checking	2,700.00
13	13	29	Savings	1,300.25
14	14	64	Checking	3,200.50
15	15	47	Savings	700.75
16	16	18	Checking	1,400.00
17	17	99	Savings	600.25
18	18	5	Checking	1,600.50

Completed (1.69 s)

Columns: 4 Rows: 99+

➡ Add default destination...

Replacing null with 'unknown':

The screenshot shows a data tool interface with a 'Replace values' dialog box open. The dialog has the title 'Replace values' and a subtitle 'Replace one value with another in the selected columns.' It contains two input fields: 'Value to find' with the text 'null' and 'Replace with' with the text 'unknown'. There are 'OK' and 'Cancel' buttons at the bottom of the dialog.

The background interface shows a data table with the following columns: 'account_type' and 'balance'. The table contains the following data rows:

	account_type	balance
45	Savings	1,000.50
12	Checking	2,500.75
78	Savings	1,500.00
34	Checking	3,000.25
56	Savings	500.00
23	Checking	1,200.50
89	Savings	800.75
67	Checking	2,200.00

Removing the duplicates:

app.fabric.microsoft.com/workloads/dataflows/author/capacityObjectId/93A3C263-A802-4FE4-B489-0E240510F88B/dataflowld/

Home | Workspaces | OneLake | Monitor | Real-Time | Workloads | sabrworkspa ce | silver_pipeli ne | SabrLakeho use | SabrLakeho use | bronze_pipe line

Dataflow 1

Power Query | Dataflow 1 | Dataflow saved

Home | Transform | Add column | View | Help

Data view | Schema view | Script | Diagram view | Query settings | Go to column | Always

Queries [5]

accounts_raw

Source | Navigation 1 | Navigation 2 | Navigation 3 | Changed column... | Replaced value | Removed duplic...

customers_raw

Source | Navigation 1 | Navigation 2 | Navigation 3

loan_payments_raw

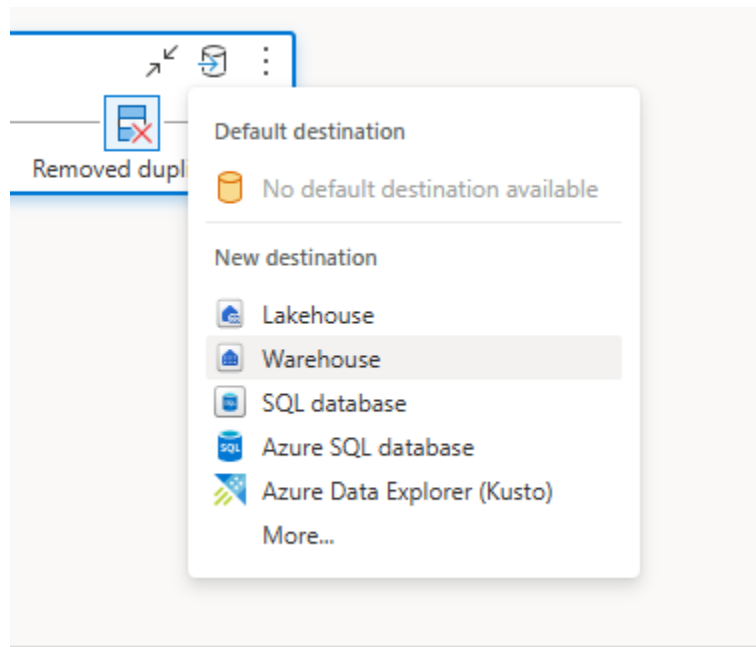
Source | Navigation 1 | Navigation 2 | Navigation 3

Table.Distinct("#Replaced value", {"account_id"})

	123 account_id	123 customer_id	ABC account_type	ABC balance
1	1	45	Savings	1000.5
2	2	12	Checking	2500.75
3	3	78	Savings	1500
4	4	34	Checking	3000.25
5	5	56	Savings	500
6	6	23	Checking	1200.5
7	7	89	Savings	800.75
8	8	67	Checking	2200
9	9	14	Savings	900.25
10	10	92	Checking	1800.5
11	11	3	Savings	1100.75
12	12	81	Checking	2700
13	13	29	Savings	1300.25

Completed (1.65 s) Columns: 4 Rows: 99+ Add default destination...

Adding Destination which is Data Warehouse:



Nextly, need to make a connection for the warehouse:

A screenshot of a 'Data destination' configuration window titled 'Connect to data destination'. On the left, there is a card for 'Warehouse' with the Microsoft Fabric logo. On the right, under 'Connection credentials', there are several fields: 'Connection' (a dropdown menu showing 'Warehouseconnection ([On-premises] sabrgateway)'), 'Connection name' (a text box containing 'Warehouseconnection'), 'Data gateway' (a dropdown menu showing '[On-premises] sabrgateway'), 'Authentication kind' (a dropdown menu showing 'Organizational account'), and a 'Switch account' button. Below these, it says 'You are currently signed in.' followed by a 'Privacy Level' dropdown menu showing 'None'. At the bottom of the window, there are 'Back', 'Cancel', and 'Next' buttons.

The target would table name would be “accounts_clean”

Data destination

Choose destination target

For performance reasons, only Warehouses in the current workspace are shown.

☒ New table ☐ Existing table

Search

Display options

Warehouse [1]
 DataflowsStagingWarehouse

A new table will be created in DataflowsStagingWarehouse

Table name *

accounts_clean

Applied changes to all the tables:

Queries [5]

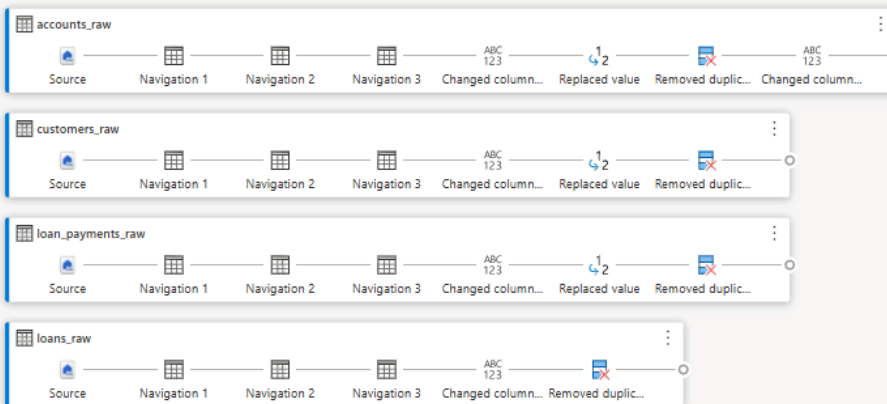


Table.Distinct("#Changed column type", {"transaction_id", "account_id"})

	transaction_id	account_id	transaction_date	\$ transaction_amount	transaction_type
1	1	45	1/1/2024	100.50	Deposit
2	2	12	1/2/2024	200.75	Withdrawal
3	3	78	1/3/2024	150.00	Deposit
4	4	34	1/4/2024	300.25	Withdrawal
5	5	56	1/5/2024	250.00	Deposit
6	6	23	1/6/2024	175.00	Withdrawal
7	7	89	1/7/2024	225.50	Deposit
8	8	67	1/8/2024	275.75	Withdrawal
9	9	14	1/9/2024	325.00	Deposit

For the gold layer, I have transformed the data into SCD Type-1 format.


I used Fabric Notebook to do this task.

The code for the same is below:

 Other people in your organization may have access to notebooks and Spark job definitions in this workspace. Carefully review

```
1  %%sql
2  CREATE TABLE IF NOT EXISTS accounts_scdtype1(
3      customer_id INT,
4      account_id INT,
5      account_type STRING,
6      balance FLOAT,
7      hashkey BIGINT,
8      createdby STRING,
9      createddate TIMESTAMP,
10     updatedby STRING,
11     updateddate TIMESTAMP
12 )
13 USING DELTA
14 LOCATION 'Tables/gold_layer/accounts_scdtype1';
15
16
```




[2] ✓ 27 sec - Command executed in 27 sec 76 ms by Sabrup on 8:05:41 PM, 5/06/25

>  Spark jobs (1 of 1 succeeded)  Resources  Log

▶ | ▼

```
1  src_path = "Tables/dbo_1/accounts_clean/"
2  tgt_path = "Tables/gold_layer/accounts_scdtype1"
3  src_accounts = spark.read.format("delta").load(src_path)
4  display(src_accounts)
5  from pyspark.sql.functions import *
```

[22] ✓ 5 sec - Command executed in 4 sec 751 ms by Sabrup on 8:49:53 PM, 5/06/25

>  Spark jobs (6 of 6 succeeded)  Resources  Log

The SCD Type 1 has been created for the accounts table.

```
1  # adding hash key
2  src_accounts = src_accounts.withColumn("hashkey", crc32(concat(*src_accounts.columns)))
3
```

✓ <1 sec - Command executed in 385 ms by Sabrup on 8:49:58 PM, 5/06/25

The hashkey added.

The rest commands are below:

```

from delta.tables import DeltaTable
deltatable = DeltaTable.forPath(spark, tgt_path)
deltatable.toDF().show

from pyspark.sql.functions import col
src_accounts =
src_accounts.alias("account").join(deltatable.toDF().alias("tgt"), ((col("a
ccount.account_id")==col("tgt.account_id")) &
(col("account.hashkey")==col("tgt.hashkey"))), "anti").select("account.*")

from pyspark.sql.functions import lit, current_timestamp
deltatable.alias("tgt").merge(
    src_accounts.alias("src"),
    "tgt.account_id = src.account_id")\
    .whenMatchedUpdate(set={"tgt.account_id": "src.account_id
", "tgt.customer_id": "src.customer_id", "tgt.account_type":
"src.account_type", "tgt.balance": "src.balance", "tgt.hashkey":
"src.hashkey", "tgt.updatedby": lit("databricks"),
"tgt.updateddate": current_timestamp()})\
    .whenNotMatchedInsert(values={"tgt.account_id": "src.account_id
", "tgt.customer_id": "src.customer_id", "tgt.account_type":
"src.account_type", "tgt.balance": "src.balance", "tgt.hashkey":
"src.hashkey", "tgt.createdby": lit("databricks"),
"tgt.createddate": current_timestamp(), "tgt.updatedby": lit("databricks"),
"tgt.updateddate": current_timestamp()})\
    .execute()
display(spark.read.format("delta").load(tgt_path))

```

The SCD Type-1 table is below:

Accounts:

Table

New chart

Table view

	123 customer_id	123 account_id	ABC account_type	12F balance	12L hashkey	ABC createdby	createddate	ABC updatedby	updateddate
1	45	1	Savings	1000.5	2454403084	databricks	2025-05-07 00:5...	databricks	2025-05-07 00:5...
2	12	2	Checking	2500.75	796571617	databricks	2025-05-07 00:5...	databricks	2025-05-07 00:5...
3	78	3	Savings	1500.0	199654578	databricks	2025-05-07 00:5...	databricks	2025-05-07 00:5...
4	34	4	Checking	3000.25	761699333	databricks	2025-05-07 00:5...	databricks	2025-05-07 00:5...
5	56	5	Savings	500.0	3886787448	databricks	2025-05-07 00:5...	databricks	2025-05-07 00:5...
6	23	6	Checking	1200.5	589336936	databricks	2025-05-07 00:5...	databricks	2025-05-07 00:5...
7	89	7	Savings	800.75	74260363	databricks	2025-05-07 00:5...	databricks	2025-05-07 00:5...
8	67	8	Checking	2200.0	3401041467	databricks	2025-05-07 00:5...	databricks	2025-05-07 00:5...
9	14	9	Savings	900.25	1397533172	databricks	2025-05-07 00:5...	databricks	2025-05-07 00:5...
10	92	10	Checking	1800.5	533177005	databricks	2025-05-07 00:5...	databricks	2025-05-07 00:5...
11	3	11	Savings	1100.75	744264830	databricks	2025-05-07 00:5...	databricks	2025-05-07 00:5...
12	81	12	Checking	2700.0	4249714	databricks	2025-05-07 00:5...	databricks	2025-05-07 00:5...
13	29	13	Savings	1300.25	3025925162	databricks	2025-05-07 00:5...	databricks	2025-05-07 00:5...
14	64	14	Checking	3200.5	3349647104	databricks	2025-05-07 00:5...	databricks	2025-05-07 00:5...
15	47	15	Savings	700.75	1744154229	databricks	2025-05-07 00:5...	databricks	2025-05-07 00:5...
16	18	16	Checking	1400.0	427159154	databricks	2025-05-07 00:5...	databricks	2025-05-07 00:5...
17	99	17	Savings	600.25	1642826618	databricks	2025-05-07 00:5...	databricks	2025-05-07 00:5...

The table stored in the shortcut:

SabrLakehouse

Home

Get dataNew semantic modelOpen notebookManage OneLake data access (preview)

Workspaces

View, upload, and download lakehouse data directly from your desktop using the OneLake app.

Explorer

Search tables

SabrLakehouse

Tables

accounts_rawaccounts_scdtype1customers_rawloan_payments_rawloans_rawtransactions_raw

Unidentified

dbo

dbo_1

accounts_cleancustomers_cleanloan_payments_cleanloans_cleantransactions_clean

gold_layer

accounts_scdtype1

Files

Unable to identify these objects as tables. To keep these objects in the lakehouse, move them to Files.

Tables > Unidentified > gold_layer > accounts_scdtype1

Name	Date modified	Type
.delta_log	5/6/2025, 8:05:35 PM	Folder
part-00000-b83698f6-ad48-4a15-8bfc-e2f1a8aadee8-c000.snappy.parquet	5/6/2025, 8:50:17 PM	parquet

Customers Table:

Table view

Download

Search

	123	customer_id	ABC first_name	ABC last_name	ABC address	ABC city	ABC state	ABC zip	12L hashkey	ABC createdby	🕒 createddate	ABC updatedby	🕒 updateddate	
1	1		John	Doe	123 Elm St	Toronto	ON	M4B1B3	2373314683	databricks	2025-05-07 04:2...	databricks	2025-05-07 04:2...	
2	2		Jane	Smith	456 Maple A...	Ottawa	ON	K1A0B1	3911254336	databricks	2025-05-07 04:2...	databricks	2025-05-07 04:2...	
3	3		Michael	Johnson	789 Oak Dr	Montreal	QC	H1A1A1	4114944968	databricks	2025-05-07 04:2...	databricks	2025-05-07 04:2...	
4	4		Emily	Davis	101 Pine Rd	Calgary	AB	T2A0A1	165372536	databricks	2025-05-07 04:2...	databricks	2025-05-07 04:2...	
5	5		David	Wilson	202 Birch Blvd	Vancouver	BC	V5K0A1	3284019540	databricks	2025-05-07 04:2...	databricks	2025-05-07 04:2...	
6	6		Emma	Clark	505 Cedar St	Halifax	NS	B3H0A1	4268191859	databricks	2025-05-07 04:2...	databricks	2025-05-07 04:2...	
7	7		James	Martinez	606 Spruce Ln	Winnipeg	MB	R3C0A1	4278935663	databricks	2025-05-07 04:2...	databricks	2025-05-07 04:2...	
8	8		Olivia	Garcia	707 Fir St	Edmonton	AB	T5A0A1	443479193	databricks	2025-05-07 04:2...	databricks	2025-05-07 04:2...	
9	9		William	Lopez	808 Redwoo...	Victoria	BC	V8W0A1	4188371369	databricks	2025-05-07 04:2...	databricks	2025-05-07 04:2...	
10	10		Ava	Anderson	909 Cypress ...	Quebec City	QC	G1A0A1	980781681	databricks	2025-05-07 04:2...	databricks	2025-05-07 04:2...	
11	11		Alexander	Thomas	1010 Willow...	St John's	NL	A1A0A1	823092523	databricks	2025-05-07 04:2...	databricks	2025-05-07 04:2...	
12	12		Isabella	Lee	1111 Poplar St	Fredericton	NB	E3B0A1	2367321549	databricks	2025-05-07 04:2...	databricks	2025-05-07 04:2...	
13	13		Daniel	Harris	1212 Ash Blvd	Charlotteto...	PE	C1A0A1	2952121673	databricks	2025-05-07 04:2...	databricks	2025-05-07 04:2...	
14	14		Sophia	Young	1313 Beech Dr	Yellowknife	NT	X1A0A1	1246741277	databricks	2025-05-07 04:2...	databricks	2025-05-07 04:2...	
15	15		Matthew	King	1414 Cedar Ln	Whitehorse	YT	Y1A0A1	2616855931	databricks	2025-05-07 04:2...	databricks	2025-05-07 04:2...	
16	16		Charlotte	Scott	1515 Elm St	Iqaluit	NU	X0A0A1	3041710806	databricks	2025-05-07 04:2...	databricks	2025-05-07 04:2...	
17	17		Joseph	Green	1616 Maple ...	Regina	SK	S4P0A1	3916126300	databricks	2025-05-07 04:2...	databricks	2025-05-07 04:2...	

Loan_payments:

Table view

	123	payment_id	123	loan_id	🕒 payment_date	12F	payment_amount	12L	hashkey	ABC	createdby	🕒 createddate	ABC	updatedby	🕒 updateddate	
1	1		45		2024-01-01	100.0		4189237233		databricks		2025-05-07 04:3...	databricks		2025-05-07 04:3...	
2	2		23		2024-01-02	150.0		1457204963		databricks		2025-05-07 04:3...	databricks		2025-05-07 04:3...	
3	3		67		2024-01-03	200.0		2777852429		databricks		2025-05-07 04:3...	databricks		2025-05-07 04:3...	
4	4		89		2024-01-04	250.0		264335070		databricks		2025-05-07 04:3...	databricks		2025-05-07 04:3...	
5	5		12		2024-01-05	300.0		438074744		databricks		2025-05-07 04:3...	databricks		2025-05-07 04:3...	
6	6		34		2024-01-06	350.0		3330136997		databricks		2025-05-07 04:3...	databricks		2025-05-07 04:3...	
7	7		56		2024-01-07	400.0		1192820904		databricks		2025-05-07 04:3...	databricks		2025-05-07 04:3...	
8	8		78		2024-01-08	450.0		2203091019		databricks		2025-05-07 04:3...	databricks		2025-05-07 04:3...	
9	9		90		2024-01-09	500.0		2681690964		databricks		2025-05-07 04:3...	databricks		2025-05-07 04:3...	
10	10		11		2024-01-10	550.0		3325951132		databricks		2025-05-07 04:3...	databricks		2025-05-07 04:3...	
11	11		22		2024-01-11	600.0		3894410316		databricks		2025-05-07 04:3...	databricks		2025-05-07 04:3...	
12	12		33		2024-01-12	650.0		2585655648		databricks		2025-05-07 04:3...	databricks		2025-05-07 04:3...	
13	13		44		2024-01-13	700.0		1774633368		databricks		2025-05-07 04:3...	databricks		2025-05-07 04:3...	
14	14		55		2024-01-14	750.0		2348634532		databricks		2025-05-07 04:3...	databricks		2025-05-07 04:3...	
15	15		66		2024-01-15	800.0		1613741173		databricks		2025-05-07 04:3...	databricks		2025-05-07 04:3...	
16	16		77		2024-01-16	850.0		304986457		databricks		2025-05-07 04:3...	databricks		2025-05-07 04:3...	
17	17		88		2024-01-17	900.0		1962234224		databricks		2025-05-07 04:3...	databricks		2025-05-07 04:3...	

Loans:

Table view												
	123	123	12F	12F	123	12L	ABC	📅	ABC	📅		
	loan_id	customer_id	loan_amount	interest_rate	loan_term	hashkey	createdby	createddate	updatedby	updateddate		
1	1	45	10000.5	5.5	36	2502041691	databricks	2025-05-07 04:4...	databricks	2025-05-07 04:4...		
2	2	12	20000.75	4.5	48	3355992476	databricks	2025-05-07 04:4...	databricks	2025-05-07 04:4...		
3	3	78	15000.0	6.0	60	4060872917	databricks	2025-05-07 04:4...	databricks	2025-05-07 04:4...		
4	4	34	30000.25	3.5	24	2847880128	databricks	2025-05-07 04:4...	databricks	2025-05-07 04:4...		
5	5	56	25000.0	5.0	36	1867834730	databricks	2025-05-07 04:4...	databricks	2025-05-07 04:4...		
6	6	23	17500.5	4.0	48	172242294	databricks	2025-05-07 04:4...	databricks	2025-05-07 04:4...		
7	7	89	22500.75	6.5	60	1348082437	databricks	2025-05-07 04:4...	databricks	2025-05-07 04:4...		
8	8	67	27500.0	3.0	24	4106075248	databricks	2025-05-07 04:4...	databricks	2025-05-07 04:4...		
9	9	14	32500.25	5.5	36	3981072152	databricks	2025-05-07 04:4...	databricks	2025-05-07 04:4...		
10	10	92	37500.5	4.5	48	888718168	databricks	2025-05-07 04:4...	databricks	2025-05-07 04:4...		
11	11	3	10000.75	6.0	60	2179146733	databricks	2025-05-07 04:4...	databricks	2025-05-07 04:4...		
12	12	81	20000.0	3.5	24	1426967511	databricks	2025-05-07 04:4...	databricks	2025-05-07 04:4...		
13	13	29	15000.25	5.0	36	1193680727	databricks	2025-05-07 04:4...	databricks	2025-05-07 04:4...		
14	14	64	30000.5	4.0	48	2167198012	databricks	2025-05-07 04:4...	databricks	2025-05-07 04:4...		
15	15	47	25000.75	6.5	60	3344653795	databricks	2025-05-07 04:4...	databricks	2025-05-07 04:4...		
16	16	18	17500.0	3.0	24	1224054208	databricks	2025-05-07 04:4...	databricks	2025-05-07 04:4...		
17	17	99	22500.25	5.5	36	4079820486	databricks	2025-05-07 04:4...	databricks	2025-05-07 04:4...		