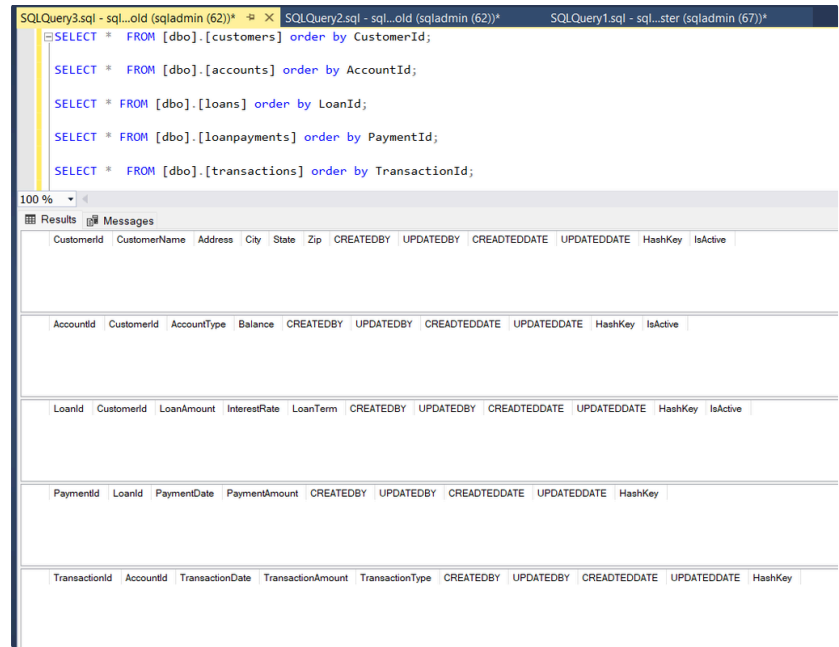
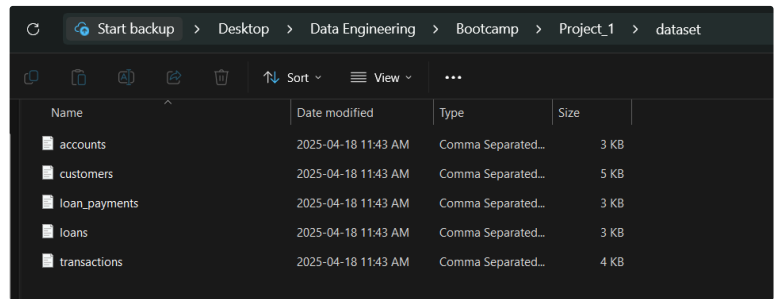


Outputs

SQL Tables before running the pipelines



Dataset in an On-premise device in the backend



Pipeline Run 1 -



Pipeline runs

Triggered

Debug

Run

Cancel options

Refresh

Edit columns

List

Gantt

Filter by run ID or name

Eastern Time (US & C... : Custom (4/18/2025, 11:15 AM - 4/18/2025, 12:26 PM)

Pipeline name : All

Copy filters

Export to CSV

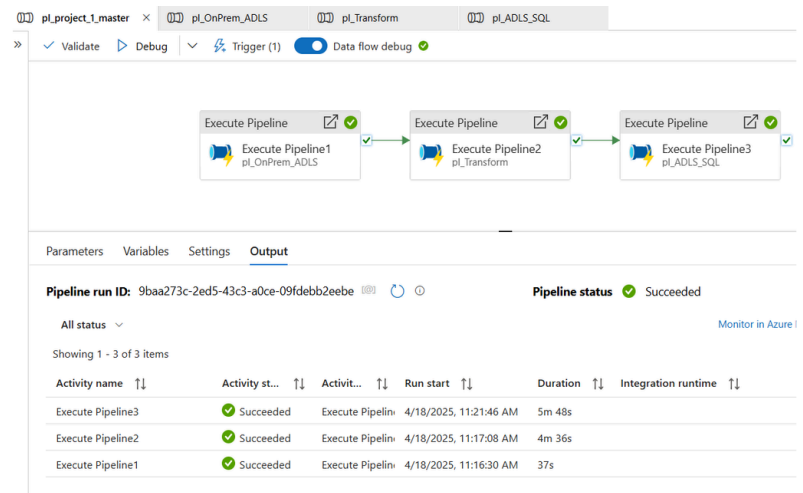
Status : All

Add filter

Showing 1 - 4 items

Last refreshed over 15 minutes ago

Pipeline name	Run start	Run end	Duration	Status	Triggered by	Run ID	Parameters
<input type="checkbox"/> pl_ADLS_SQL	4/18/2025, 11:21:46	4/18/2025, 11:27:33	5m 48s	Succeeded	689e9c02-1de9-47e2-b867-42...	1bc350f8-8fb6-48f8-a5...	
<input type="checkbox"/> pl_Transform	4/18/2025, 11:17:08	4/18/2025, 11:21:41	4m 34s	Succeeded	aa254f74-552c-4748-8ac2-611...	c8ad8f59-5d4b-412d-8...	
<input type="checkbox"/> pl_OnPrem_ADLS	4/18/2025, 11:16:32	4/18/2025, 11:17:05	34s	Succeeded	461633c6-4739-4313-adb1-8a...	72a18589-346a-4417...	
<input type="checkbox"/> pl_project_1_master	4/18/2025, 11:16:25	4/18/2025, 11:27:34	11m 10s	Succeeded	Manual trigger	9baa273c-2ed5-43c3-a...	



1. Bronze Layer output - ADLS

Location: medallion / bronze

Search blobs by prefix (case-sensitive)

Name	Modified	Access tier	Archive status	Blob type	Size	Lease state
[-]						...
accounts.csv	4/18/2025, 11:16:53 ...	Hot (Inferred)		Block blob	2.28 KiB	Available
customers.csv	4/18/2025, 11:16:53 ...	Hot (Inferred)		Block blob	4.5 KiB	Available
loan_payments.csv	4/18/2025, 11:16:53 ...	Hot (Inferred)		Block blob	2.55 KiB	Available
loans.csv	4/18/2025, 11:16:53 ...	Hot (Inferred)		Block blob	2.29 KiB	Available
transactions.csv	4/18/2025, 11:16:53 ...	Hot (Inferred)		Block blob	3.43 KiB	Available

medallion/bronze

2. Silver Layer Output - ADLS

Location: medallion / silver / accounts

Search blobs by prefix (case-sensitive)

Name	Modified	Access tier	Archive status	Blob type	Size	Lease state
[-]						...
_SUCCESS	4/18/2025, 11:21:16 ...	Hot (Inferred)		Block blob	0 B	Available
part-00000-0e60815d-3a95-40e8-ba1e-063d2319...	4/18/2025, 11:21:11 ...	Hot (Inferred)		Block blob	2.13 KiB	Available

medallion/silver/accounts

Location: medallion / silver-backup / accounts

Search blobs by prefix (case-sensitive)

Name	Modified	Access tier	Archive status	Blob type	Size	Lease state
[-]						...
part-00000-0e60815d-3a95-40e8-ba1e-063d2319...	4/18/2025, 11:21:11 ...	Hot (Inferred)		Block blob	2.13 KiB	Available

medallion/silver-backup/accounts

3. Gold Layer output - SQL Tables

Results Messages

	CustomerId	CustomerName	Address	City	State	Zip	CREATEDBY	UPDATEDBY	CREATEDDATE	UPDATEDDATE	HashKey	IsActive
1	1	John Doe	123 Elm St	Toronto	ON	M4B1B3	dataflow	dataflow	2025-04-18 15:24:58.513	2025-04-18 15:24:58.513	4180397223	1
2	2	Jane Smith	456 Maple Ave	Ottawa	ON	K1M0N1	dataflow	dataflow	2025-04-18 15:24:58.513	2025-04-18 15:24:58.513	3540302337	1
3	3	Michael Johnson	789 Oak Dr	Montreal	QC	H1A1A1	dataflow	dataflow	2025-04-18 15:24:58.513	2025-04-18 15:24:58.513	488430436	1
4	4	Emily Davis	101 Pine Rd	Calgary	AB	T2K0A1	dataflow	dataflow	2025-04-18 15:24:58.513	2025-04-18 15:24:58.513	2274553018	1
5	5	David Wilson	202 Birch Blvd	Vancouver	BC	V6C2A1	dataflow	dataflow	2025-04-18 15:24:58.513	2025-04-18 15:24:58.513	4094097940	1

	AccountId	CustomerId	AccountType	Balance	InterestRate	LoanTerm	CREATEDBY	UPDATEDBY	CREATEDDATE	UPDATEDDATE	HashKey	IsActive
1	1	45	Savings	1000.50	dataflow	dataflow	2025-04-18 15:26:11.467	2025-04-18 15:26:11.467	2454403084	1		
2	2	12	Checking	2500.75	dataflow	dataflow	2025-04-18 15:26:11.467	2025-04-18 15:26:11.467	796971617	1		
3	3	78	Savings	1500.00	dataflow	dataflow	2025-04-18 15:26:11.467	2025-04-18 15:26:11.467	199554678	1		
4	4	34	Checking	3000.25	dataflow	dataflow	2025-04-18 15:26:11.467	2025-04-18 15:26:11.467	761699333	1		
5	5	56	Savings	500.00	dataflow	dataflow	2025-04-18 15:26:11.467	2025-04-18 15:26:11.467	388878468	1		

	LoanId	CustomerId	LoanAmount	InterestRate	LoanTerm	CREATEDBY	UPDATEDBY	CREATEDDATE	UPDATEDDATE	HashKey	IsActive
1	1	45	10000.0	6.5	36	dataflow	dataflow	2025-04-18 15:24:49.523	2025-04-18 15:24:49.523	2952041991	1
2	2	12	20000.75	4.5	48	dataflow	dataflow	2025-04-18 15:24:49.523	2025-04-18 15:26:26.873	3355990478	1
3	3	78	15000	8	60	dataflow	dataflow	2025-04-18 15:24:49.523	2025-04-18 15:24:49.523	4080872917	1
4	4	34	30000.25	3.5	24	dataflow	dataflow	2025-04-18 15:24:49.523	2025-04-18 15:24:49.523	2947880128	1
5	5	56	25000	5	36	dataflow	dataflow	2025-04-18 15:24:49.523	2025-04-18 15:24:49.523	1887634730	1
6	6	23	17500.5	4	48	dataflow	dataflow	2025-04-18 15:24:49.523	2025-04-18 15:24:49.523	1724242584	1

	PaymentId	LoanId	PaymentDate	PaymentAmount	CREATEDBY	UPDATEDBY	CREATEDDATE	UPDATEDDATE	HashKey
1	1	45	2024-01-01 00:00:00.000	100	dataflow	dataflow	2025-04-18 15:26:26.873	2025-04-18 15:26:26.873	1334100695
2	2	23	2024-01-02 00:00:00.000	150	dataflow	dataflow	2025-04-18 15:26:26.873	2025-04-18 15:26:26.873	3627819579
3	3	67	2024-01-03 00:00:00.000	200	dataflow	dataflow	2025-04-18 15:26:26.873	2025-04-18 15:26:26.873	3608163437
4	4	89	2024-01-04 00:00:00.000	250	dataflow	dataflow	2025-04-18 15:26:26.873	2025-04-18 15:26:26.873	4234030915
5	5	12	2024-01-05 00:00:00.000	300	dataflow	dataflow	2025-04-18 15:26:26.873	2025-04-18 15:26:26.873	126030208
6	6	34	2024-01-06 00:00:00.000	350	dataflow	dataflow	2025-04-18 15:26:26.873	2025-04-18 15:26:26.873	203300999

	TransactionId	AccountId	TransactionDate	TransactionAmount	TransactionType	CREATEDBY	UPDATEDBY	CREATEDDATE	UPDATEDDATE	HashKey
1	1	45	2024-01-01 00:00:00.000	100.5	Deposit	dataflow	dataflow	2025-04-18 15:22:12.620	2025-04-18 15:22:12.620	2818639316
2	2	12	2024-01-02 00:00:00.000	200.75	Withdrawal	dataflow	dataflow	2025-04-18 15:22:12.620	2025-04-18 15:22:12.620	1526206303
3	3	78	2024-01-03 00:00:00.000	150	Withdrawal	dataflow	dataflow	2025-04-18 15:22:12.620	2025-04-18 15:22:12.620	4269678801
4	4	34	2024-01-04 00:00:00.000	300.25	Withdrawal	dataflow	dataflow	2025-04-18 15:22:12.620	2025-04-18 15:22:12.620	1611724983
5	5	56	2024-01-05 00:00:00.000	250	Deposit	dataflow	dataflow	2025-04-18 15:22:12.620	2025-04-18 15:22:12.620	1682100984
6	6	23	2024-01-06 00:00:00.000	175	Withdrawal	dataflow	dataflow	2025-04-18 15:22:12.620	2025-04-18 15:22:12.620	2678860594
7	7	89	2024-01-07 00:00:00.000	225.5	Deposit	dataflow	dataflow	2025-04-18 15:22:12.620	2025-04-18 15:22:12.620	2070622197
8	8	67	2024-01-08 00:00:00.000	275.75	Withdrawal	dataflow	dataflow	2025-04-18 15:22:12.620	2025-04-18 15:22:12.620	1689795525
9	9	14	2024-01-09 00:00:00.000	325	Deposit	dataflow	dataflow	2025-04-18 15:22:12.620	2025-04-18 15:22:12.620	805144104

Query executed successfully. sqlpyserver/database.win... sqladmin (85) gold_000001: 486 rows

Dataset input for pipeline run 2 -



```
account_id,customer_id,account_type,balance
1,45,Savings,1000.50
1,45,Savings,1000.50
2,12,Checking,2500.75
2,12,Checking,2500.75
3,78,Checking,1500.00
4,34,Savings,300.25
5,56,5000.00
```

Added duplicates, nulls and updates in accounts.csv file

```
payment_id,loan_id,payment_date,payment_amount
1,45,2024-01-01,100.00
1,45,2024-01-01,100.00
2,23,2024-01-02,150.00
2,23,2024-01-02,150.00
3,67,2024-01-05,200.00
4,89,2024-01-04,200.00
5,12,2024-01-05,
```

Added duplicates, nulls and updates in loan_payments.csv file

Pipeline Run 2 -

Pipeline runs

Triggered

Debug

Rerun

Cancel options

Refresh

Edit columns

List

Gantt

Filter by run ID or name

Eastern Time (US & C... : Last 24 hours

Pipeline name : All

Status : All

Runs : Latest runs

Triggered by : All

Add filter

Copy filters

Showing 1 - 4 items

Last refresh

<input type="checkbox"/>	Pipeline name	Run start	Run end	Duration	Triggered by	Status	Run
<input type="checkbox"/>	pl_project_1_gold_ADLS_SQL	4/18/2025, 12:22:06 PM	4/18/2025, 12:27:36 PM	5m 31s	9c1bf2c5-6579-4ae2...	<div>Succeeded</div>	Original
<input type="checkbox"/>	pl_project_1_silver_Transform	4/18/2025, 12:17:48 PM	4/18/2025, 12:22:05 PM	4m 18s	8d85fc93-ca7c-4fe9...	<div>Succeeded</div>	Original
<input type="checkbox"/>	pl_project_1_bronze_OnPrem...	4/18/2025, 12:17:24 PM	4/18/2025, 12:17:47 PM	23s	9a6011f8-163a-4731...	<div>Succeeded</div>	Original
<input type="checkbox"/>	pl_project_1_master	4/18/2025, 12:17:21 PM	4/18/2025, 12:27:37 PM	10m 16s	Manual trigger	<div>Succeeded</div>	Original

1. Bronze Layer output - ADLS

medallion

Container

Search

Upload Add Directory

Overview

Diagnose and solve problems

Access Control (IAM)

Settings

Authentication method: Access key (Switch to Microsoft Entra user account)

Location: medallion / bronze

Search blobs by prefix (case-...)

Show deleted objects

Name

☐ .

☒ accounts.csv

☐ customers.csv

☐ loan_payments.csv

☐ loans.csv

☐ transactions.csv

bronze/accounts.csv

Blob

Save Discard Download Refresh Delete

Overview Versions Edit Generate SAS

1	account_id,customer_id,account_type,balance
2	1,45,Savings,1000.50
3	1,45,Savings,1000.50
4	2,12,Checking,2500.75
5	2,12,Checking,2500.75
6	3,78,Checking,1500.00
7	4,34,Savings,300.25
8	5,56,5000.00
9	6,23,Checking,1200.50
10	7,89,Savings,1000.75
11	8,67,Checking,2200.00
12	9,14,Savings,900.25
13	10,92,Checking,1800.50
14	11,3,Savings,1100.75
15	12,81,Checking,2700.00
16	13,29,Savings,1300.25
17	14,64,Checking,3200.50
18	15,47,Savings,700.75

Csv Preview

medallion/bronze/account.csv

2. Silver Layer Output - ADLS

Home > adigenzriya | Containers > medallion >

medallion

Container

Search

Upload

Add Directory

Overview

Diagnose and solve problems

Access Control (IAM)

Settings

Authentication method: Access key (Switch to Microsoft Entra user account)

Location: medallion / silver-backup / accounts

Search blobs by prefix (case-...)

Show deleted objects

Name

☐ [.]

☐ part-0000-0e60815d-3a95-4...

☒ part-0000-46a397b7-cdac-4...

silver-backup/accounts/part-00000-46a397b7-cdac-422a-a3db-2c61b8fc6b...

Blob

Save

Discard

Download

Refresh

Delete

Overview

Versions

Edit

Generate SAS

1 AccountId,CustomerId,AccountType,Balance

2 1,45,Savings,1000.5

3 2,12,Checking,2500.75

4 3,78,Checking,1500.00

5 4,34,Savings,1800.25

6 6,23,Checking,1200.50

7 7,89,Savings,800.75

8 8,67,Checking,2200.00

9 9,14,Savings,900.25

10 10,92,Checking,1800.50

11 11,3,Savings,1100.75

12 12,81,Checking,2700.00

13 13,29,Savings,1300.25

14 14,64,Checking,3200.50

15 15,47,Savings,700.75

16 16,18,Checking,1400.00

17 17,99,Savings,600.25

18 18,5,Checking,1600.50

CSV

Preview

medallion/silver-backup/accounts/

3. Gold Layer output - SQL Tables

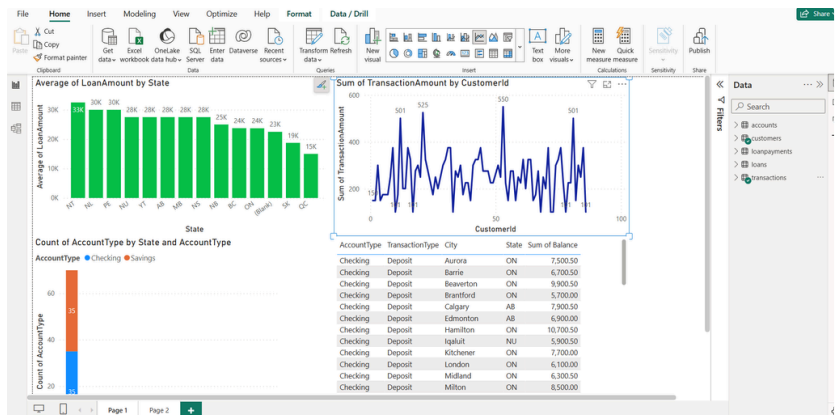
	AccountId	CustomerId	AccountType	Balance	CREATEDBY	UPDATEDBY	CREATEDDATE	UPDATEDDATE	HashKey	IsActive
1	1	45	Savings	1000.50	dataflow	dataflow	2025-04-18 15:26:11.467	2025-04-18 15:26:11.467	2454403084	1
2	2	12	Checking	2500.75	dataflow	dataflow	2025-04-18 15:26:11.467	2025-04-18 15:26:11.467	796571617	1
3	3	78	Savings	1500.00	dataflow	dataflow - updated	2025-04-18 15:26:11.467	2025-04-18 16:25:09.403	199654578	0
4	3	78	Checking	1500.00	dataflow	dataflow	2025-04-18 16:25:40.080	2025-04-18 16:25:40.080	2976460435	1
5	4	34	Savings	300.25	dataflow	dataflow	2025-04-18 16:25:40.080	2025-04-18 16:25:40.080	1394309466	1
6	4	34	Checking	3000.25	dataflow	dataflow - updated	2025-04-18 15:26:11.467	2025-04-18 16:25:09.403	761699333	0
7	5	56	Savings	500.00	dataflow	dataflow	2025-04-18 15:26:11.467	2025-04-18 15:26:11.467	3886787448	1
8	6	23	Checking	1200.50	dataflow	dataflow	2025-04-18 15:26:11.467	2025-04-18 15:26:11.467	589336936	1
9	7	89	Savings	800.75	dataflow	dataflow	2025-04-18 15:26:11.467	2025-04-18 15:26:11.467	74260363	1
10	8	67	Checking	2200.00	dataflow	dataflow	2025-04-18 15:26:11.467	2025-04-18 15:26:11.467	3401041467	1
11	9	14	Savings	900.25	dataflow	dataflow	2025-04-18 15:26:11.467	2025-04-18 15:26:11.467	1397533172	1
12	10	92	Checking	1800.50	dataflow	dataflow	2025-04-18 15:26:11.467	2025-04-18 15:26:11.467	533177005	1
13	11	3	Savings	1100.75	dataflow	dataflow	2025-04-18 15:26:11.467	2025-04-18 15:26:11.467	744264830	1
14	12	81	Checking	2700.00	dataflow	dataflow	2025-04-18 15:26:11.467	2025-04-18 15:26:11.467	4249714	1
15	13	29	Savings	1300.25	dataflow	dataflow	2025-04-18 15:26:11.467	2025-04-18 15:26:11.467	3025925162	1
16	14	64	Checking	3200.50	dataflow	dataflow	2025-04-18 15:26:11.467	2025-04-18 15:26:11.467	3349647104	1
17	15	47	Savings	700.75	dataflow	dataflow	2025-04-18 15:26:11.467	2025-04-18 15:26:11.467	1744154229	1
18	16	18	Checking	1400.00	dataflow	dataflow	2025-04-18 15:26:11.467	2025-04-18 15:26:11.467	427159154	1
19	17	99	Savings	600.25	dataflow	dataflow	2025-04-18 15:26:11.467	2025-04-18 15:26:11.467	1642826618	1
20	18	5	Checking	1600.50	dataflow	dataflow	2025-04-18 15:26:11.467	2025-04-18 15:26:11.467	544941373	1
21	19	76	Savings	400.75	dataflow	dataflow	2025-04-18 15:26:11.467	2025-04-18 15:26:11.467	3392242716	1
22	20	21	Checking	2000.00	dataflow	dataflow	2025-04-18 15:26:11.467	2025-04-18 15:26:11.467	2020209643	1
23	21	53	Savings	300.25	dataflow	dataflow	2025-04-18 15:26:11.467	2025-04-18 15:26:11.467	2800704470	1

accounts table

	PaymentId	LoanId	PaymentDate	PaymentAmount	CREATEDBY	UPDATEDBY	CREATEDDATE	UPDATEDDATE	HashKey
1	1	45	2024-01-01 00:00:00.000	100	dataflow	dataflow	2025-04-18 15:26:26.873	2025-04-18 15:26:26.873	1334100695
2	2	23	2024-01-02 00:00:00.000	150	dataflow	dataflow	2025-04-18 15:26:26.873	2025-04-18 15:26:26.873	3527819579
3	3	67	2024-01-05 00:00:00.000	200	dataflow	dataflow - updated	2025-04-18 15:26:26.873	2025-04-18 16:25:47.730	1994652083
4	4	89	2024-01-04 00:00:00.000	200	dataflow	dataflow - updated	2025-04-18 15:26:26.873	2025-04-18 16:25:47.730	3414373881
5	5	12	2024-01-05 00:00:00.000	300	dataflow	dataflow	2025-04-18 15:26:26.873	2025-04-18 15:26:26.873	129030288
6	6	34	2024-01-06 00:00:00.000	350	dataflow	dataflow	2025-04-18 15:26:26.873	2025-04-18 15:26:26.873	202890869
7	7	56	2024-01-07 00:00:00.000	400	dataflow	dataflow	2025-04-18 15:26:26.873	2025-04-18 15:26:26.873	1626483912
8	8	78	2024-01-08 00:00:00.000	450	dataflow	dataflow	2025-04-18 15:26:26.873	2025-04-18 15:26:26.873	278001857
9	9	90	2024-01-09 00:00:00.000	500	dataflow	dataflow	2025-04-18 15:26:26.873	2025-04-18 15:26:26.873	2968352159
10	10	11	2024-01-10 00:00:00.000	550	dataflow	dataflow	2025-04-18 15:26:26.873	2025-04-18 15:26:26.873	262154819
11	11	22	2024-01-11 00:00:00.000	600	dataflow	dataflow	2025-04-18 15:26:26.873	2025-04-18 15:26:26.873	3780732195
12	12	33	2024-01-12 00:00:00.000	650	dataflow	dataflow	2025-04-18 15:26:26.873	2025-04-18 15:26:26.873	444934839
13	13	44	2024-01-13 00:00:00.000	700	dataflow	dataflow	2025-04-18 15:26:26.873	2025-04-18 15:26:26.873	345414996
14	14	55	2024-01-14 00:00:00.000	750	dataflow	dataflow	2025-04-18 15:26:26.873	2025-04-18 15:26:26.873	2094512950
15	15	66	2024-01-15 00:00:00.000	800	dataflow	dataflow	2025-04-18 15:26:26.873	2025-04-18 15:26:26.873	490769956
16	16	77	2024-01-16 00:00:00.000	850	dataflow	dataflow	2025-04-18 15:26:26.873	2025-04-18 15:26:26.873	3789663206
17	17	88	2024-01-17 00:00:00.000	900	dataflow	dataflow	2025-04-18 15:26:26.873	2025-04-18 15:26:26.873	851286892
18	18	99	2024-01-18 00:00:00.000	950	dataflow	dataflow	2025-04-18 15:26:26.873	2025-04-18 15:26:26.873	2069832608

loanpayments table

Power BI Report created in Power BI Desktop



Power BI report published to Microsoft Fabric

