Cloud computing (ITCS-6190) Project Deliverable 2

Group No: 5

Team members:

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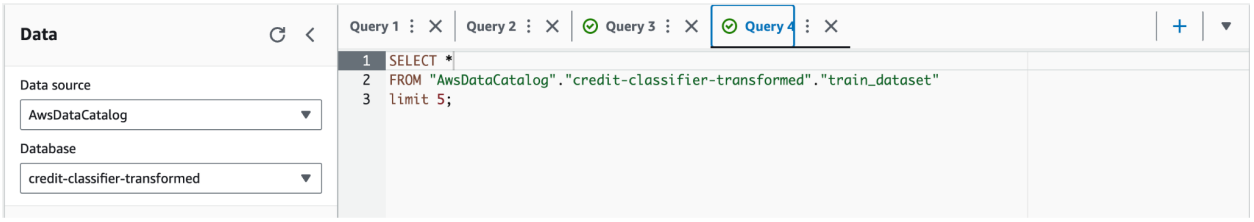
Table Preview



Results (5)

Copy

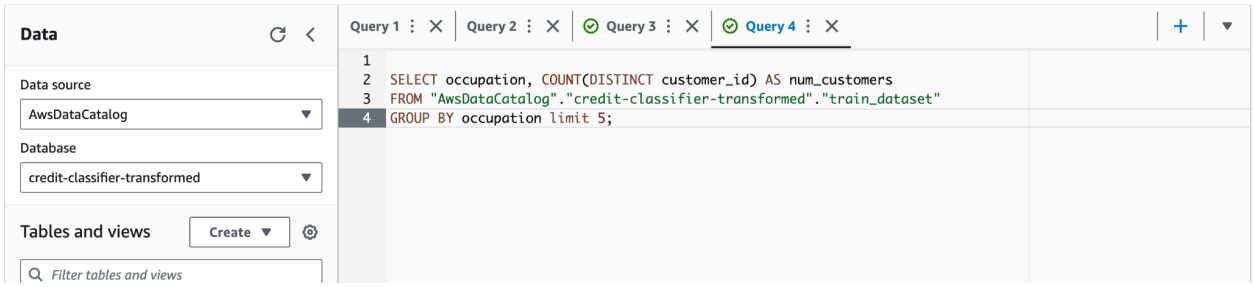
Download resu

Search rows

1

#	id	customer_id	month	name	age	occupation	annual_income
1	0x1727	CUS_0xa5f9	June	Rickt	34	Mechanic	57983.12_
2	0x17d8	CUS_0x571f	March	"Emily Flitterl"	18	Developer	66567.32
3	0x1846	CUS_0x9b3c	May	Scheydere	43	Lawyer	81842.28
4	0x18ae	CUS_0x9d78	January	"Tim Hepherp"	20	Scientist	69977.6
5	0x18af	CUS_0x9d78	February	"Tim Hepherp"	20	Scientist	69977.6

Query 1:



Results (5)

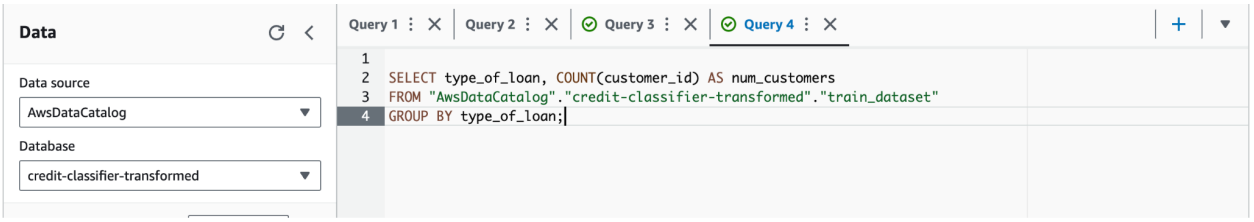
Copy | Download results

Search rows

1

#	occupation	num_customers
1	Doctor	71
2	Engineer	47
3	Entrepreneur	56
4	Manager	57
5	Teacher	46

Query 2:



Results (20)

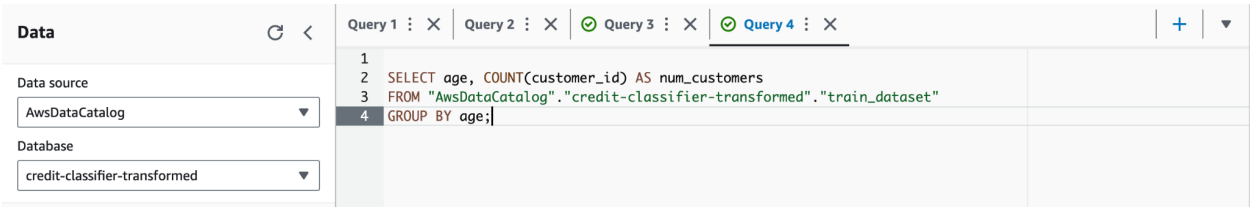
Copy | Download results

Search rows

1

#	type_of_loan	num_customers
1	"Auto Loan"	7
2	"Student Loan	115
3	"Auto Loan	129
4	"Credit-Builder Loan	114
5	"Not Specified	106
6	"Personal Loan"	6
7	"Not Specified"	3
8	"Payday Loan"	6

Query 3:



Results (93)

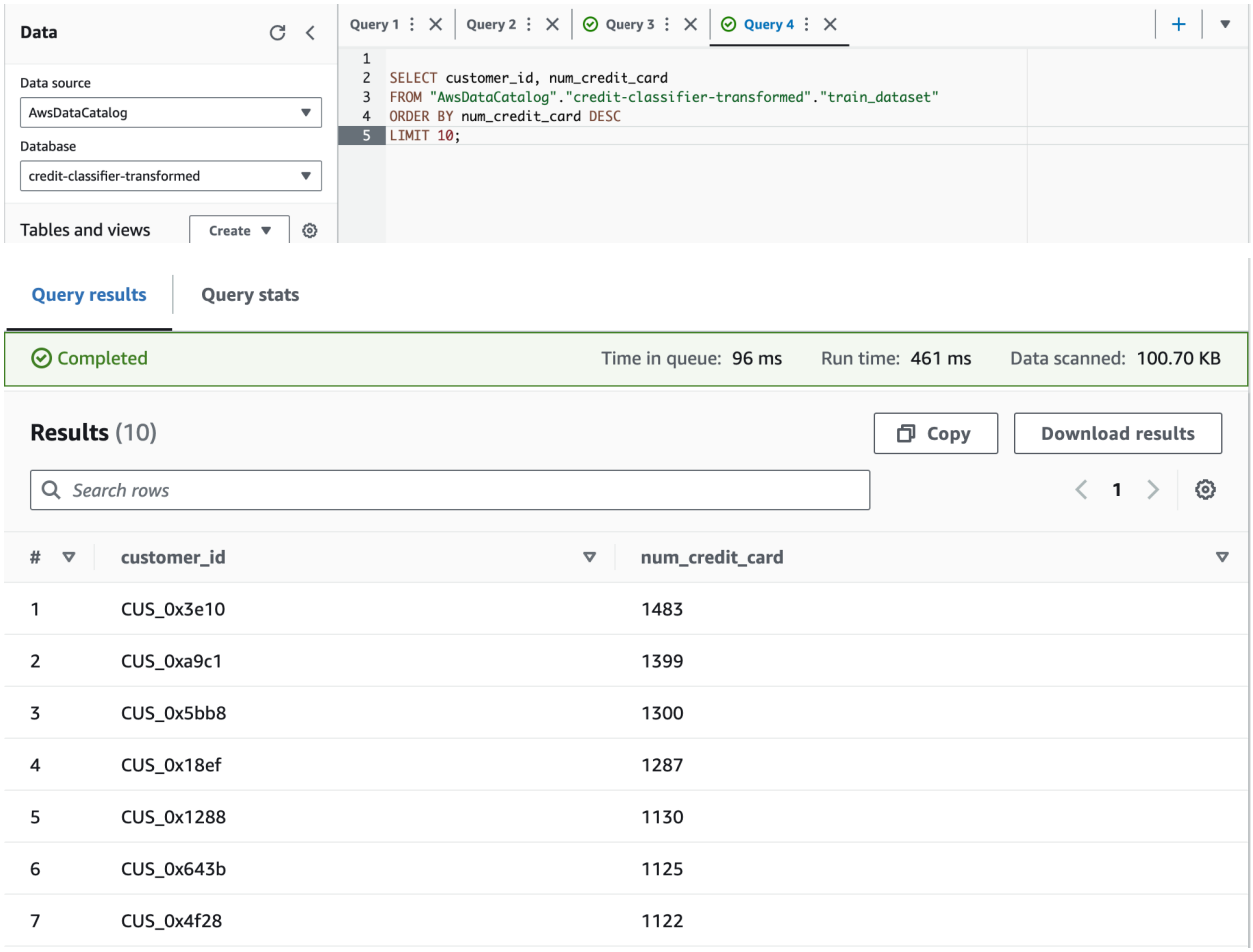
Copy | Download results

Search rows

1

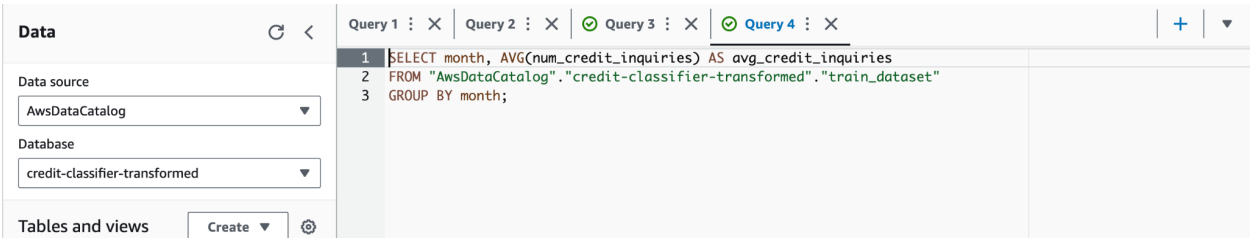
#	age	num_customers
1	34	30
2	24	29
3	23	34
4	22	37
5	32	31
6	30	26

Query 4:



#	customer_id	num_credit_card
1	CUS_0x3e10	1483
2	CUS_0xa9c1	1399
3	CUS_0x5bb8	1300
4	CUS_0x18ef	1287
5	CUS_0x1288	1130
6	CUS_0x643b	1125
7	CUS_0x4f28	1122

Query 5:



Query results | Query stats

Completed | Time in queue: 161 ms | Run time: 467 ms | Data scanned: 100.70 KB

Results (8)

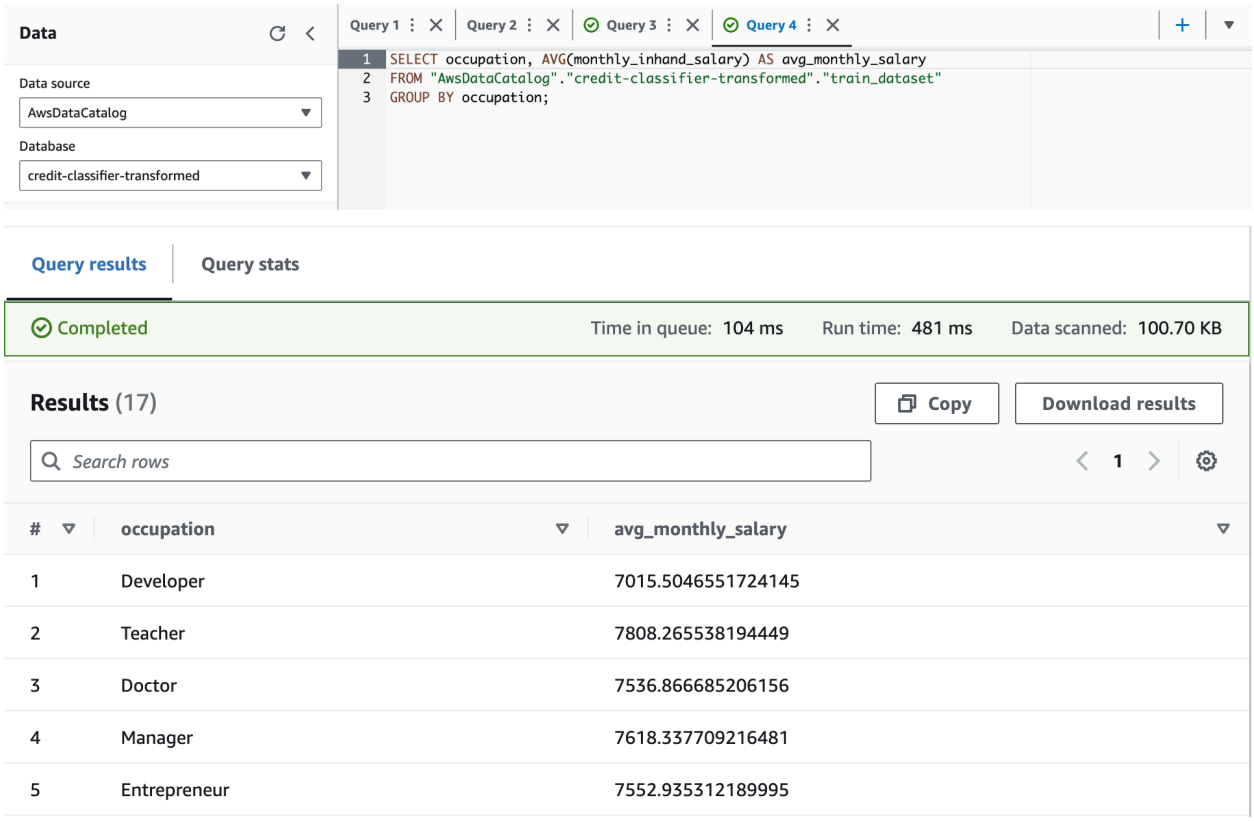
Copy | Download results

Search rows

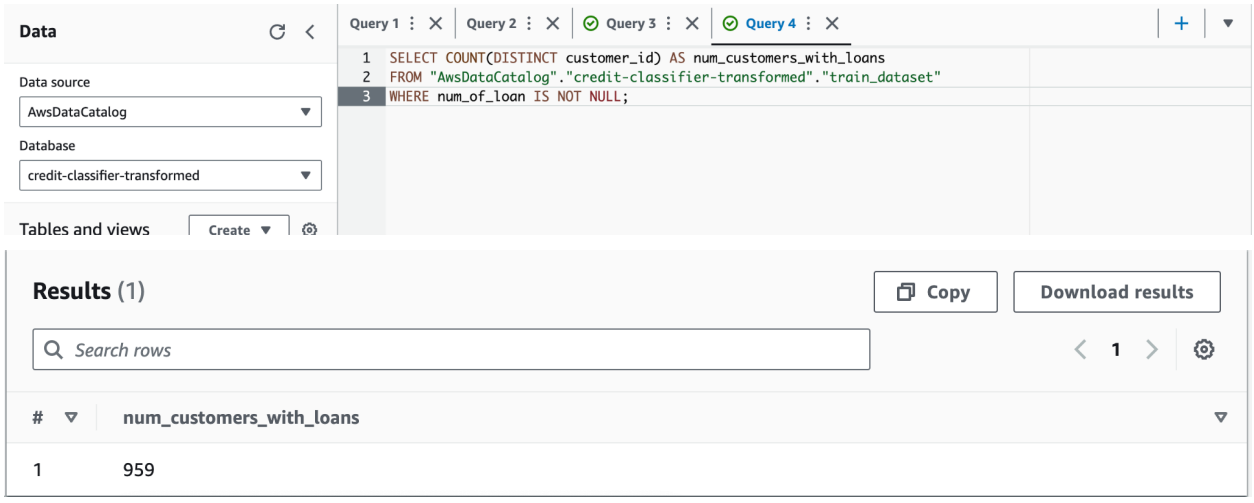
1

#	month	avg_credit_inquiries
1	March	10.22972972972973
2	January	12.89795918367347
3	June	10.246575342465754
4	April	12.140845070422536
5	May	10.0
6	July	11.015151515151516

Query 6:



Query 7:



Query 8:

Query 1 | Query 2 | Query 3 | Query 4

```
1  SELECT occupation, AVG(delay_from_due_date) AS avg_delay
2  FROM "AwsDataCatalog"."credit-classifier-transformed"."train_dataset"
3  GROUP BY occupation;
```

Results (17)

Copy | Download results

Search rows

1

#	occupation	avg_delay
1	Doctor	11.666666666666666
2	Manager	11.363636363636363
3	Entrepreneur	7.0
4	Engineer	5.0
5	Mechanic	8.5

Query 9:

Data

Data source: AwsDataCatalog

Database: credit-classifier-transformed

Query 1 | Query 2 | Query 3 | Query 4

```
1  SELECT month, AVG(num_credit_inquiries) AS avg_credit_inquiries
2  FROM "AwsDataCatalog"."credit-classifier-transformed"."train_dataset"
3  GROUP BY month;
```

Results (8)

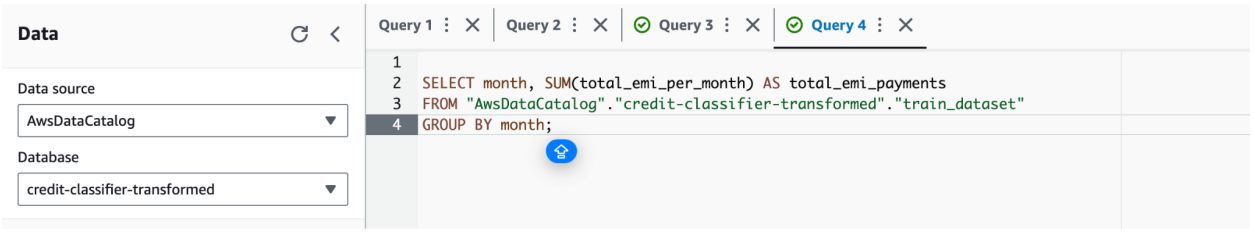
Copy | Download results

Search rows

1

#	month	avg_credit_inquiries
1	February	14.352179487179487
2	May	9.982631578947368
3	July	11.03590909090909
4	August	68.08413333333333

Query 10:



Results (8)

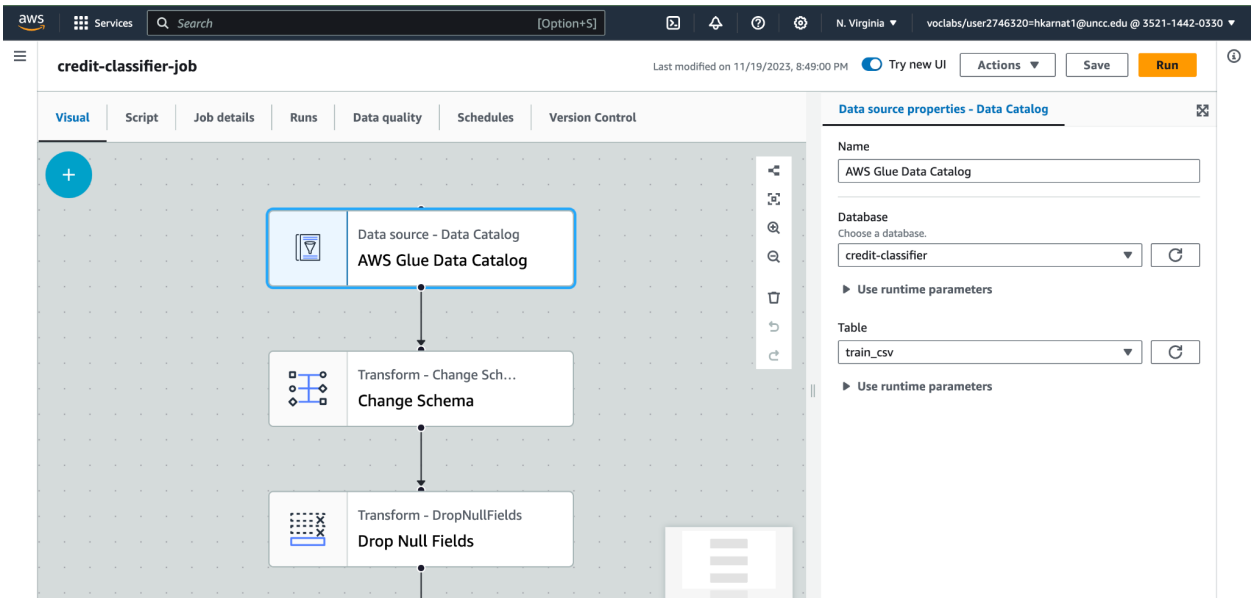
Copy | Download results

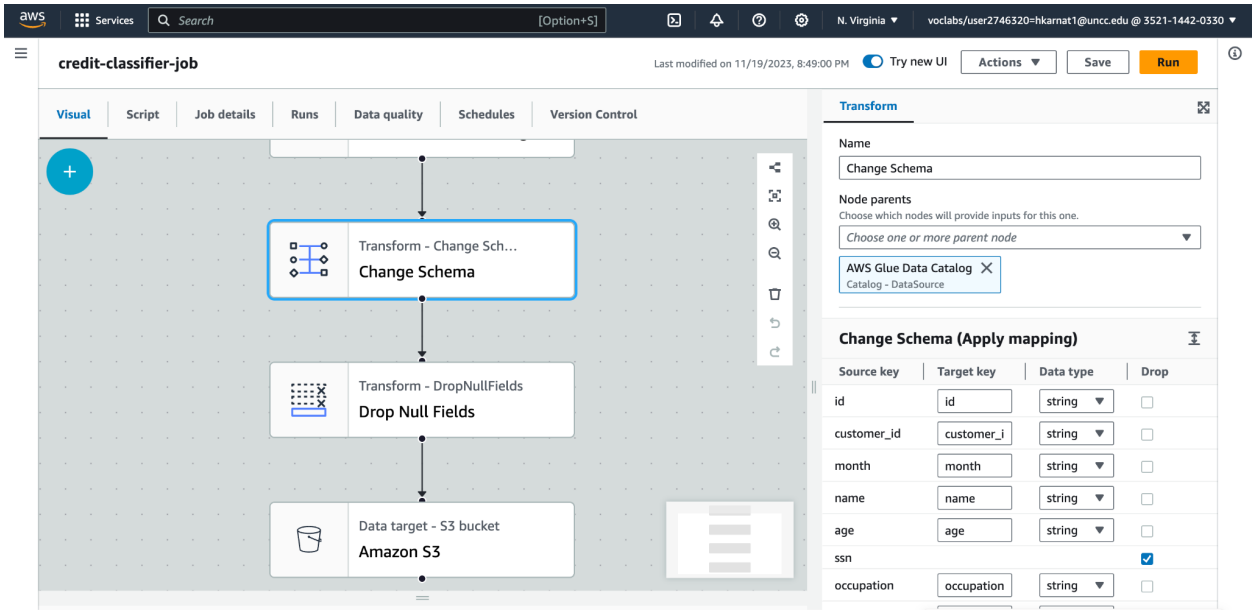
Search rows

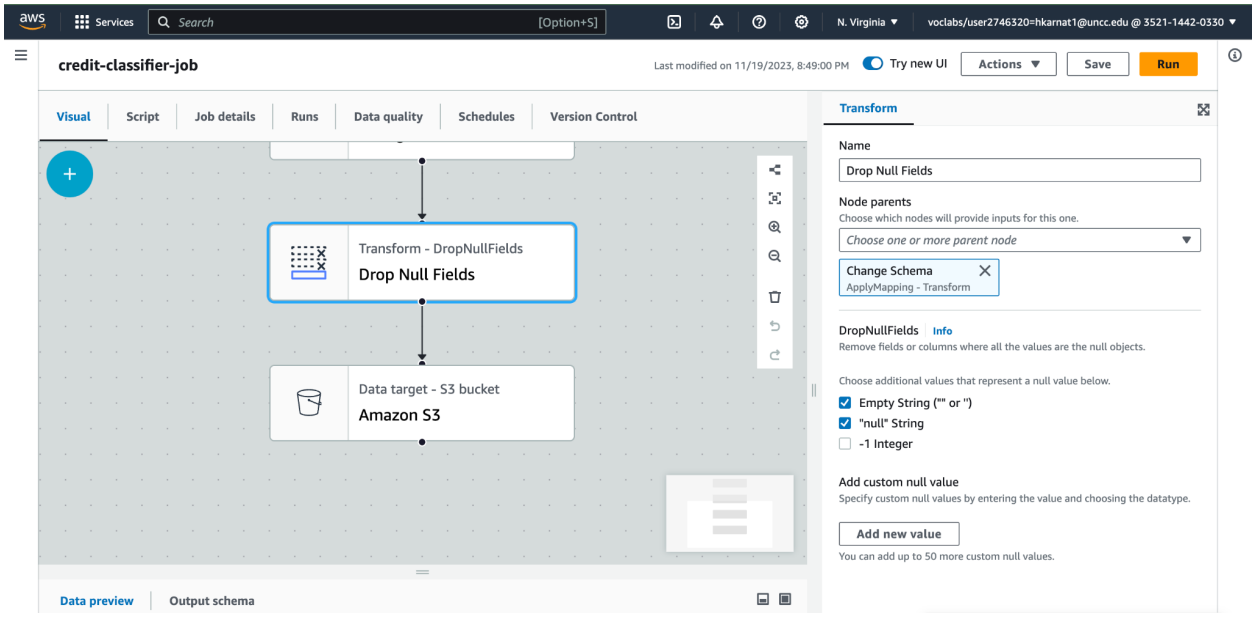
1

#	month	total_emi_payments
1	June	12177.608362407103
2	April	33936.98000932255
3	February	20122.953545321405
4	March	29707.279284351134
5	January	17991.4630618943

ETL Job screenshots




aws
Services
Search
[Option+S]
N. Virginia
voclabs/user2746320=hkarnat1@uncc.edu @ 3521-1442-0330
credit-classifier-job
Last modified on 11/19/2023, 8:49:00 PM
Try new UI
Actions
Save
Run
Visual
Script
Job details
Runs
Data quality
Schedules
Version Control
Transform - Change Sch...
Change Schema
Transform - DropNullFields
Drop Null Fields
Data target - S3 bucket
Amazon S3
Transform
Name
Change Schema
Node parents
Choose which nodes will provide inputs for this one.
Choose one or more parent node
AWS Glue Data Catalog
Catalog - DataSource
Change Schema (Apply mapping)
Source key
Target key
Data type
Drop
id
id
string
customer_id
customer_i
string
month
month
string
name
name
string
age
age
string
ssn
occupation
occupation
string


aws
Services
Search
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N. Virginia
voclabs/user2746320=hkarnat1@uncc.edu @ 3521-1442-0330
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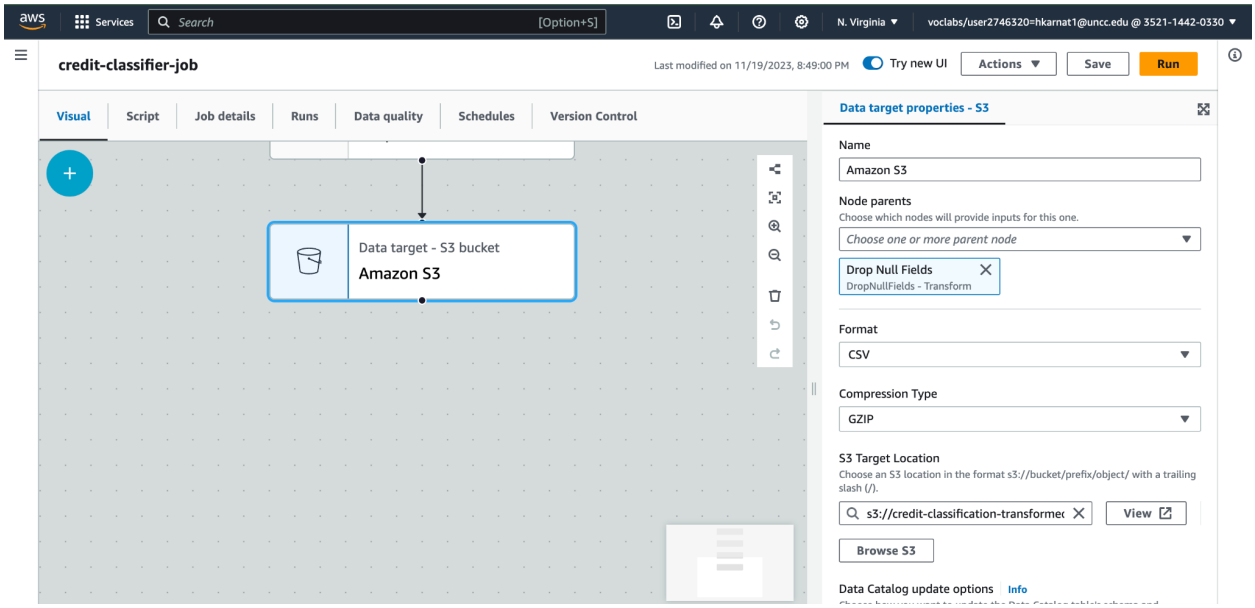
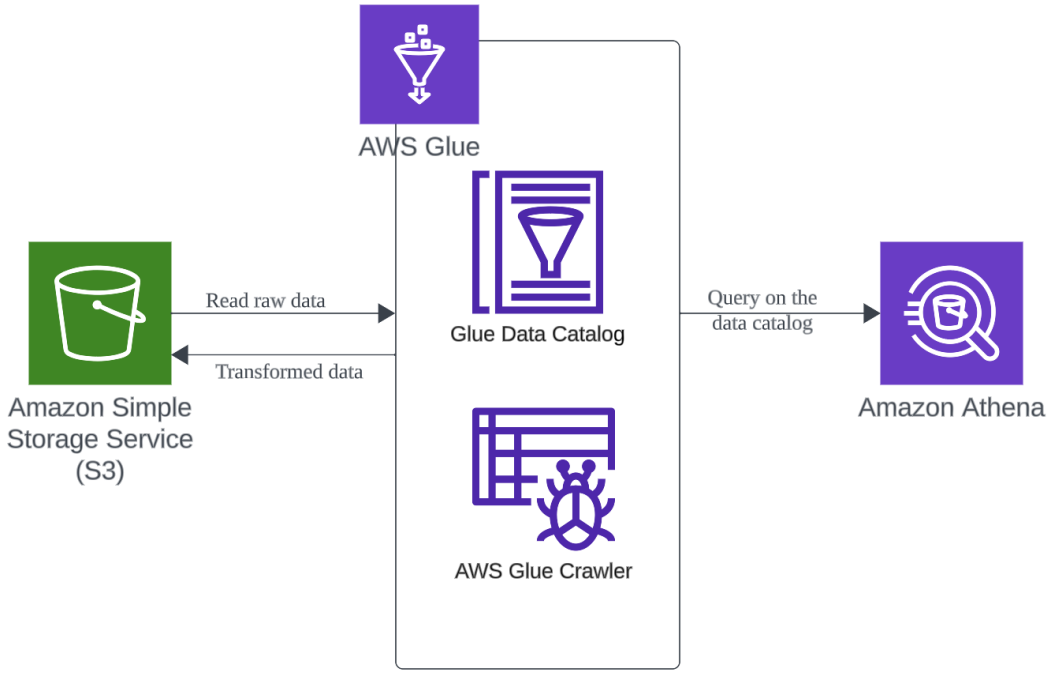
Version Control
Transform - DropNullFields
Drop Null Fields
Data target - S3 bucket
Amazon S3
Data preview
Output schema
Transform
Name
Drop Null Fields
Node parents
Choose which nodes will provide inputs for this one.
Choose one or more parent node
Change Schema
ApplyMapping - Transform
DropNullFields
Info
Remove fields or columns where all the values are the null objects.
Choose additional values that represent a null value below.
Empty String ("" or '')
"null" String
-1 Integer
Add custom null value
Specify custom null values by entering the value and choosing the datatype.
Add new value
You can add up to 50 more custom null values.



AWS Pipeline/Solution Chart