

✓ Validate ▶ Debug ⚡ Add trigger

{ } ⚙ ...



Parameters Variables Settings **Output**

Pipeline run ID: 5bc01e62-c1d1-4568-bab7-b7111fa44be8

Pipeline status Succeeded

[View debug run consumption](#)

All status ▾

[Monitor in Azure Metrics](#) [Export to CSV](#) ▾

Showing 1 - 4 of 4 items

Activity name ↑↓	Activity status ↑↓	Activity type ↑↓	Run start ↑↓	Duration ↑↓	Integration runtime	User property
Stored procedure	Succeeded	Stored procedure	1/6/2025, 9:23:46 PM	6s	AutoResolveIntegration	
Incremental Load Data	Succeeded	Copy data	1/6/2025, 9:23:29 PM	17s	AutoResolveIntegration	
last_load	Succeeded	Lookup	1/6/2025, 9:23:23 PM	4s	AutoResolveIntegration	
current_load	Succeeded	Lookup	1/6/2025, 9:23:23 PM	6s	AutoResolveIntegration	

12:43 AM (1s)

8

Python

```
df = df.groupby('BranchName', 'Year').agg(sum(col('Units_Sold')).alias('Total_Units')).sort('Year', 'Total_Units', ascending=[1,0])
df.display()
```

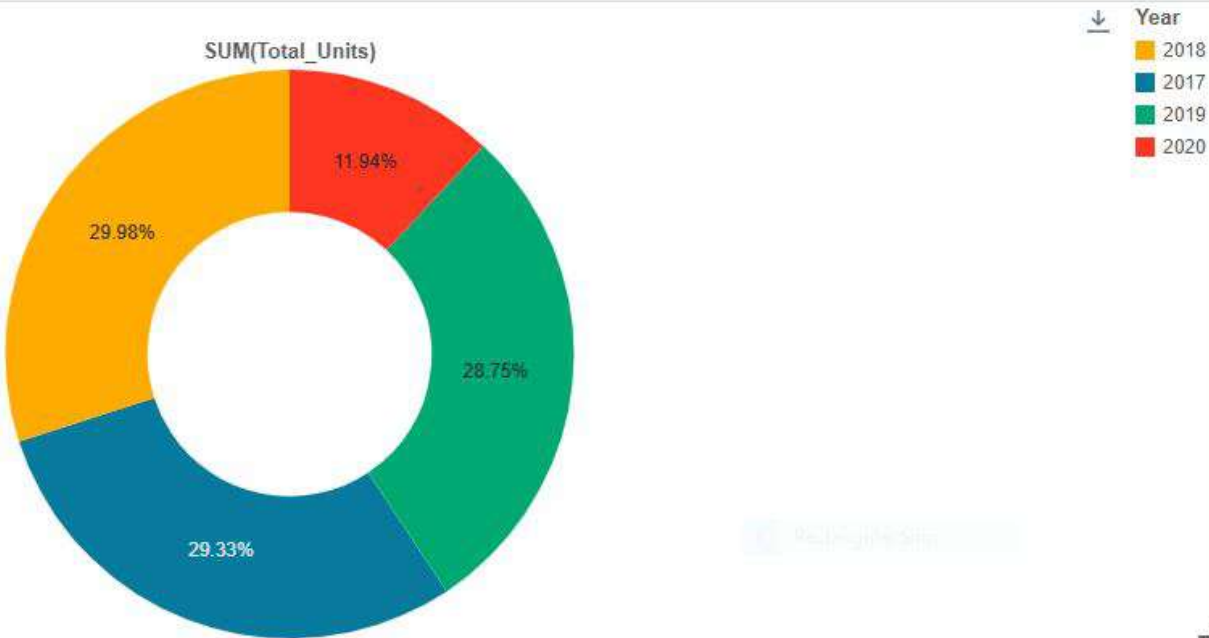
(2) Spark Jobs

df: pyspark.sql.dataframe.DataFrame = [BranchName: string, Year: integer ... 1 more field]

Table

Visualization 1

New charts: ON



SCD Type 1 --> Upsert

Markdown



✓ 1 minute ago (17s)

16

```
from delta.tables import DeltaTable
if spark.catalog.tableExists('car_catalog.gold.dim_model'):
    delta_tbl = DeltaTable.forPath(spark, 'abfss://gold@datastoragecarsales.dfs.core.windows.net/dim_model')
    delta_tbl.alias('trg').merge(df_final.alias('src'), 'trg.dim_model_key = src.dim_model_key')\
        .whenMatchedUpdateAll()\
        .whenNotMatchedInsertAll()\
        .execute()

#inititalize the run
else:
    df_final.write.format("delta")\
        .mode("overwrite")\
        .option('path', 'abfss://gold@datastoragecarsales.dfs.core.windows.net/dim_model')\
        .saveAsTable("car_catalog.gold.dim_model")
```

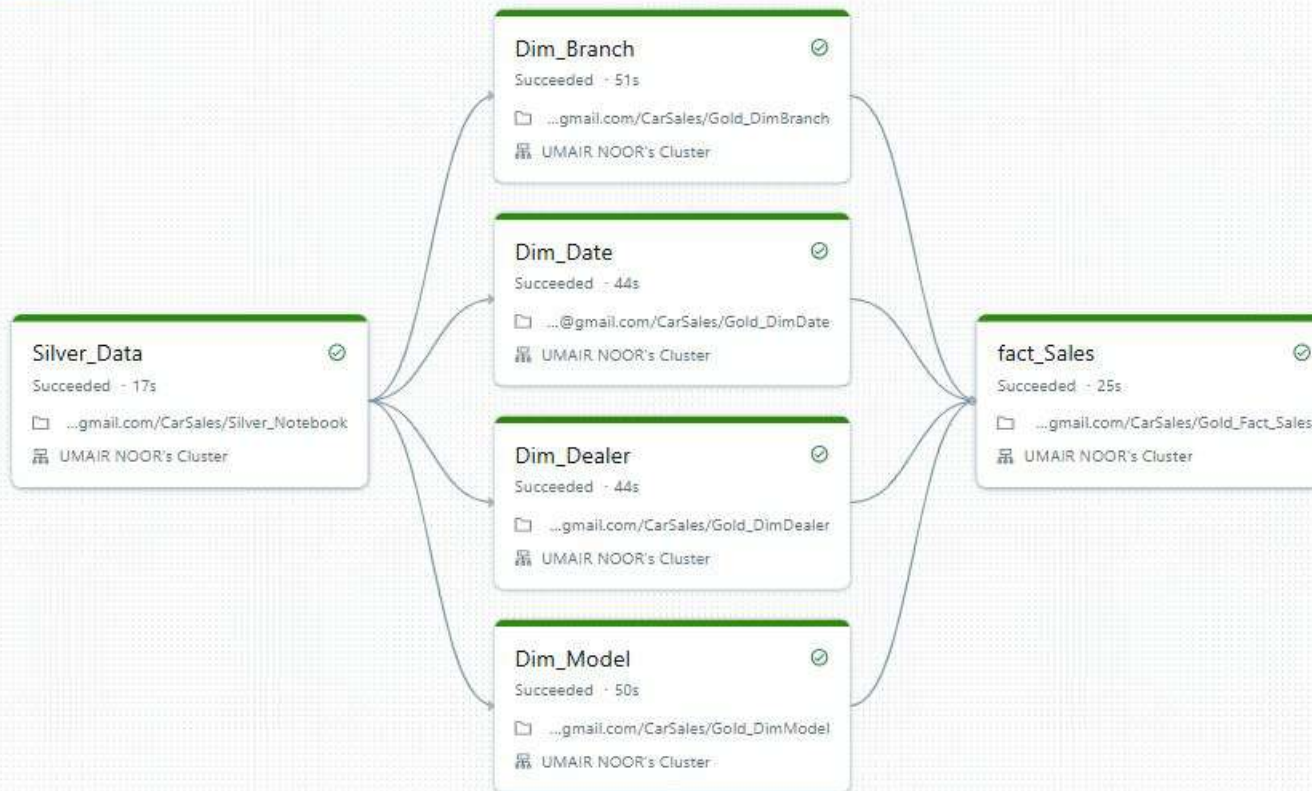
Restart this job

▶ (7) Spark Jobs

Data-Models run

Send feedback Delete job run Repair run

Graph Timeline



Job run details

Job ID [534002055789679](#)

Job run ID 496732590110963

Launched Manually

Started Jan 10, 2025, 05:51 PM

Ended Jan 10, 2025, 05:53 PM

Duration ⓘ 1m 36s

Queue duration ⓘ -

Status Succeeded

Lineage ⓘ 5 upstream tables, 1 downstream table

View run events



Compute

● UMAIR NOOR's Cluster

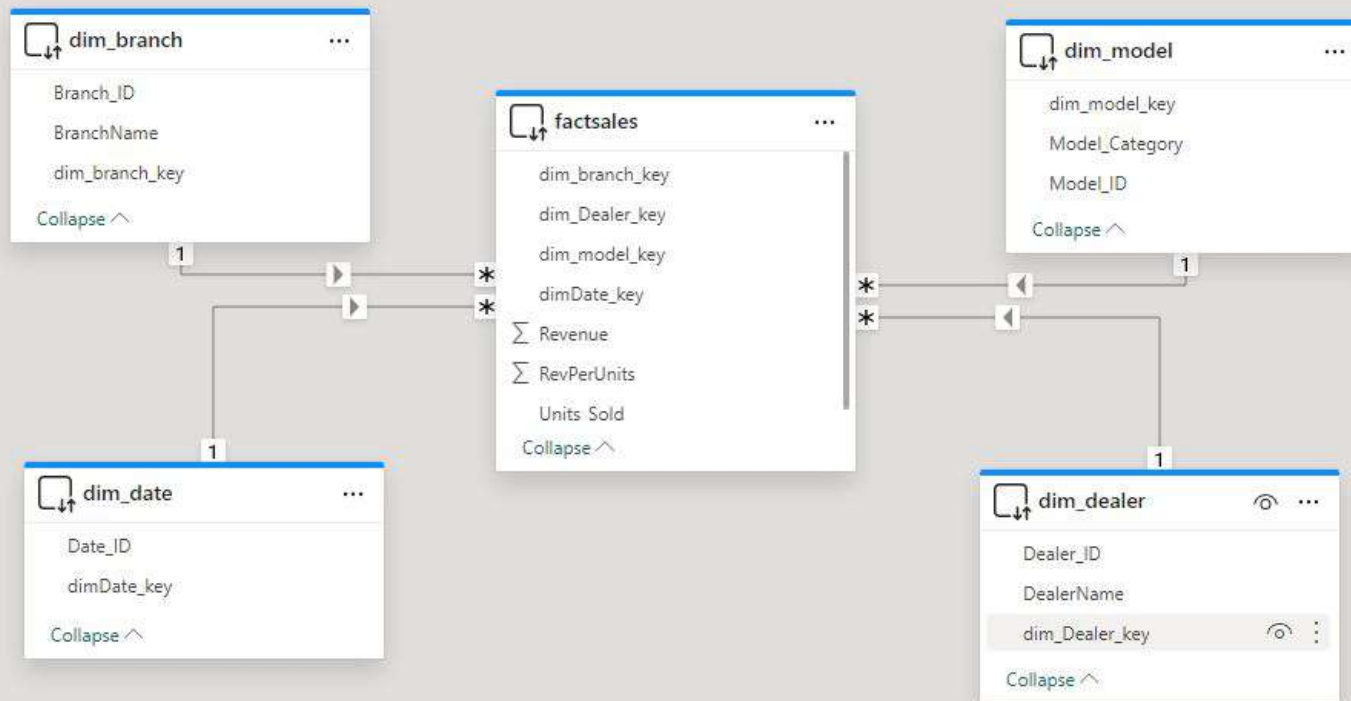
Single node: Standard_DS3_v2 · DBR: 15.4 LTS (includes Apache Spark 3.5.0, Scala 2.12)

View details

Spark UI

Logs

Metrics



<< Properties

Data

Search

- > dim_branch
- > dim_date
- > dim_dealer
- > dim_model
- > factsales