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EXPLORER

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▼ DWH_ETL_ASSI...

> venv

Accident Analysis Data Wareh...

accident_data_warehouse.db

etl_pipeline.log

etl_pipeline.py

generate_snapshots.py

Queries.sql

requirements.txt

Traffic.Flow_Report.pdf

Traffic.Flow.pdf

Traffic.xlsx

> OUTLINE

> TIMELINE

> SQLITE EXPLORER

etl_pipeline.py

accident_data_warehouse.db

generate_snapshots.py

Queries.sql

accident_data_warehouse.db

Filter 5 tables.

Rows: 50

Filter 50 rows...

TABLES

> Dim_Date

> Dim_Location

> Dim_RoadCondition

> Dim_Vehicle

> Fact_Accidents

	DateID	Date	Month	Year	Time
1	1	2025-02-20	2	2025	2025-02-20 00:00:00.000000
2	2	2025-01-07	1	2025	2025-01-07 00:00:00.000000
3	3	2025-02-03	2	2025	2025-02-03 00:00:00.000000
4	4	2025-02-19	2	2025	2025-02-19 00:00:00.000000
5	5	2025-02-15	2	2025	2025-02-15 00:00:00.000000
6	6	2025-01-06	1	2025	2025-01-06 00:00:00.000000
7	7	2025-02-01	2	2025	2025-02-01 00:00:00.000000
51	8	2025-01-13	1	2025	2025-01-13 00:00:00.000000

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PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

powershell

2025-03-30 03:37:20,683 - INFO - Fact_Accidents: 100 rows

2025-03-30 03:37:20,689 - INFO -

Sample from Fact_Accidents:

	AccidentID	DateID	LocationID	VehicleID	RoadConditionID	VehiclesInvolved	SeverityScore
0	1	1	1	67	47	3	1
1	2	2	2	45	3	2	1
2	3	3	3	51	75	3	3
3	4	4	4	100	70	1	1
4	5	5	5	79	91	5	3
5	6	6	6	55	20	1	1
6	7	7	7	186	19	5	2

0 0 0

Connect

FileEditSelectionViewGoRun<=>dwh_etl_assignment

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Filter 5 tables

Rows: 100

Filter 100 rows...

TABLES

Dim_Date

Dim_Location

Dim_RoadCondition

Dim_Vehicle

Fact_Accidents

	LocationID	LocationN...
1	1	Morris Lane
2	2	Julie Pine
3	3	Cummings Isle
4	4	Le Mission
5	5	Clark Port
6	6	Pittman Dam
7	7	Shepherd Parkway
8	8	Lisa Neck
101	9	White Turnpike

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> Dim_Date

> Dim_Location

> Dim_RoadCondition

> Dim_Vehicle

> Fact_Accidents

1

2

3

4

5

6

7

8

101

Condition...

Surface

Visibility

1 Snowy Rainy

2 Snowy Snowy

3 Snowy Rainy

4 Dry Snowy

5 Wet Rainy

6 Dry Foggy

7 Snowy Clear

8 Snowy Clear

9 Wet Snowy

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Filter 200 rows...

TABLES

> Dim_Date

> Dim_Location

> Dim_RoadCondition

> Dim_Vehicle

> Fact_Accidents

	VehicleID	VehicleTy...
1	1	Car
2	2	Car
3	3	Car
4	4	Bus
5	5	Bus
6	6	Motorcycle
7	7	Motorcycle
8	8	Car
201	9	Truck

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2	2	2	2	45	3	2
3	3	3	3	51	75	3
4	4	4	4	100	70	1
5	5	5	5	79	91	5
6	6	6	6	55	20	1
7	7	7	7	186	19	5
101	8	7	8	193	17	1

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