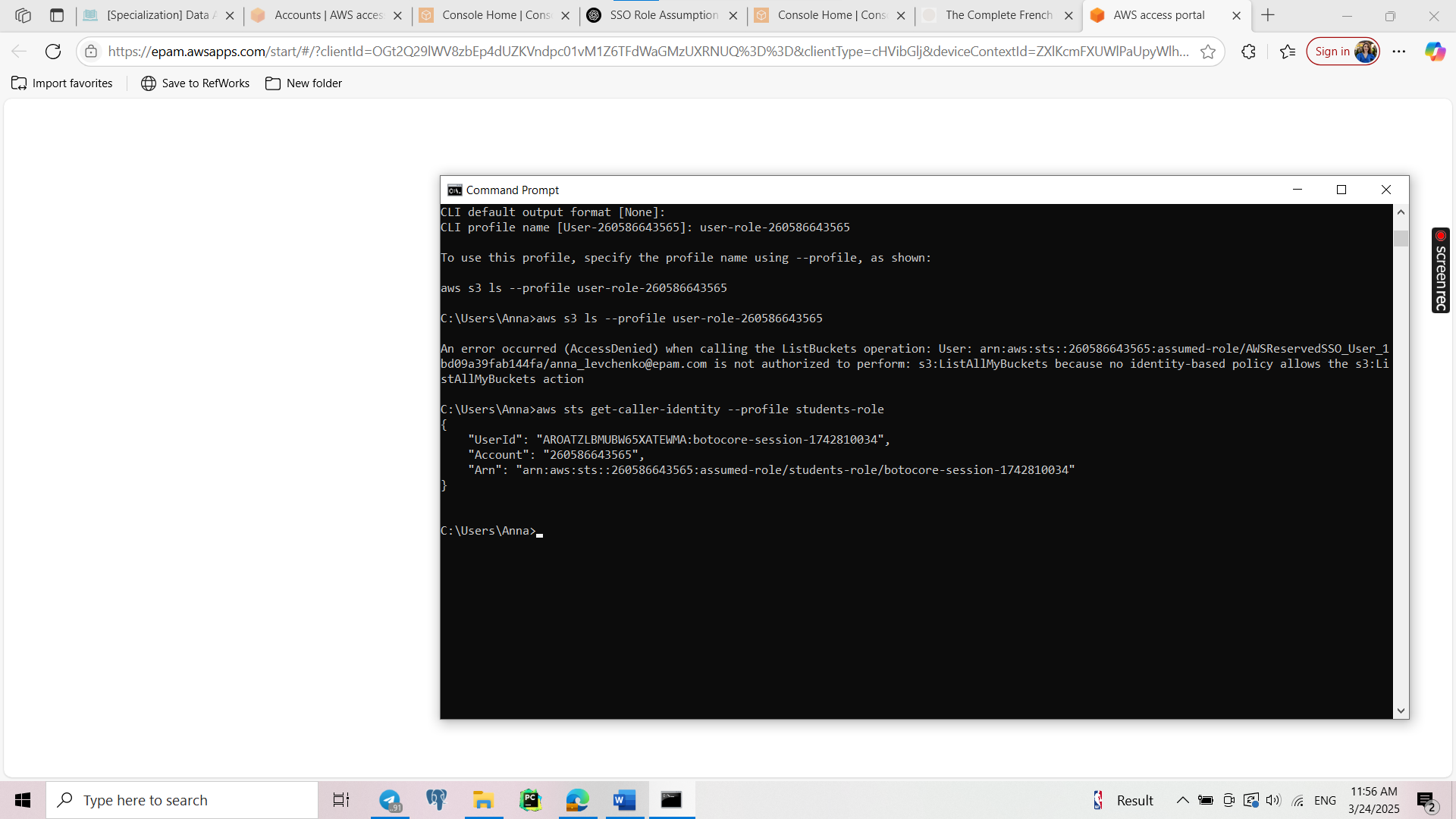
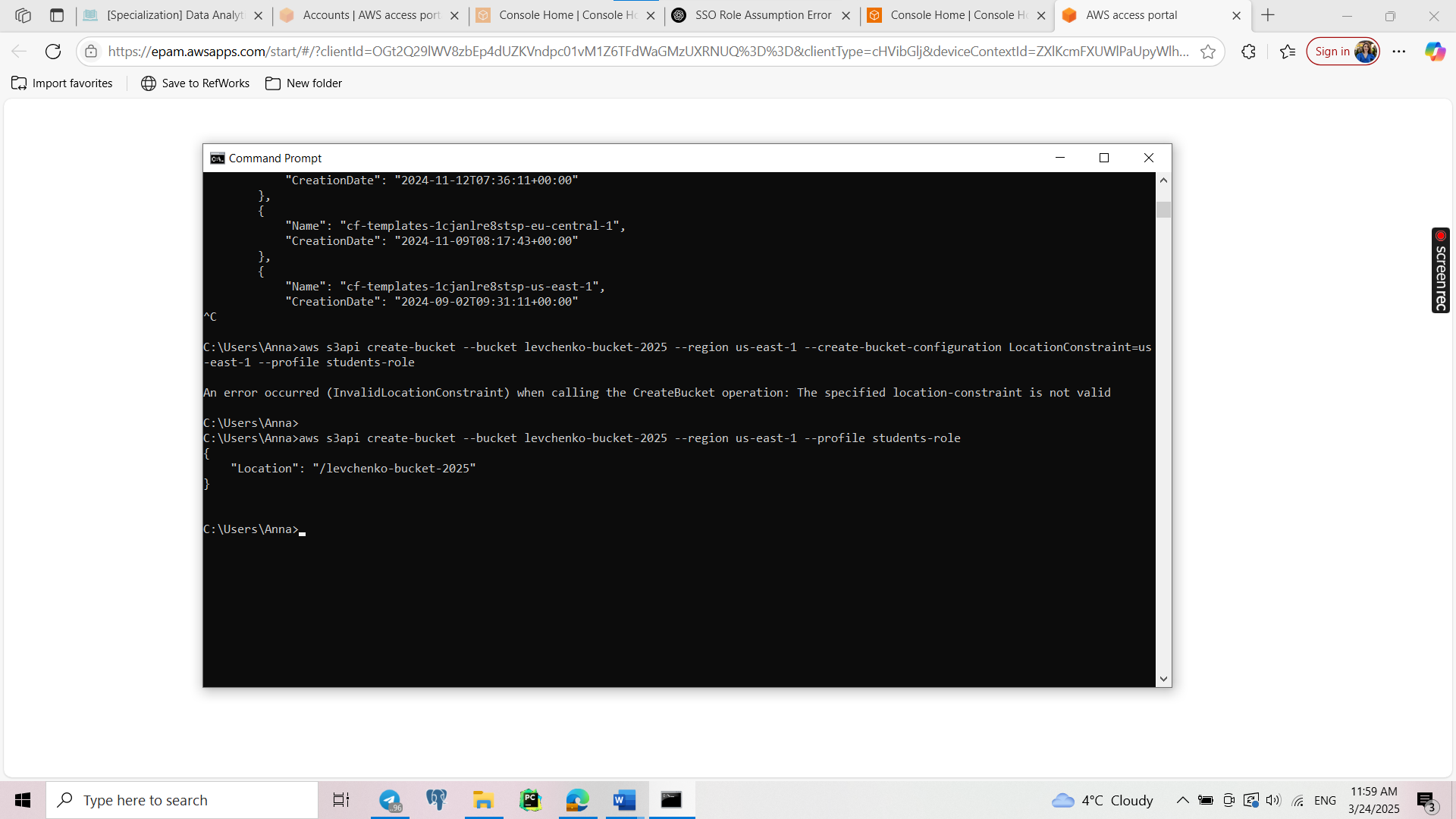
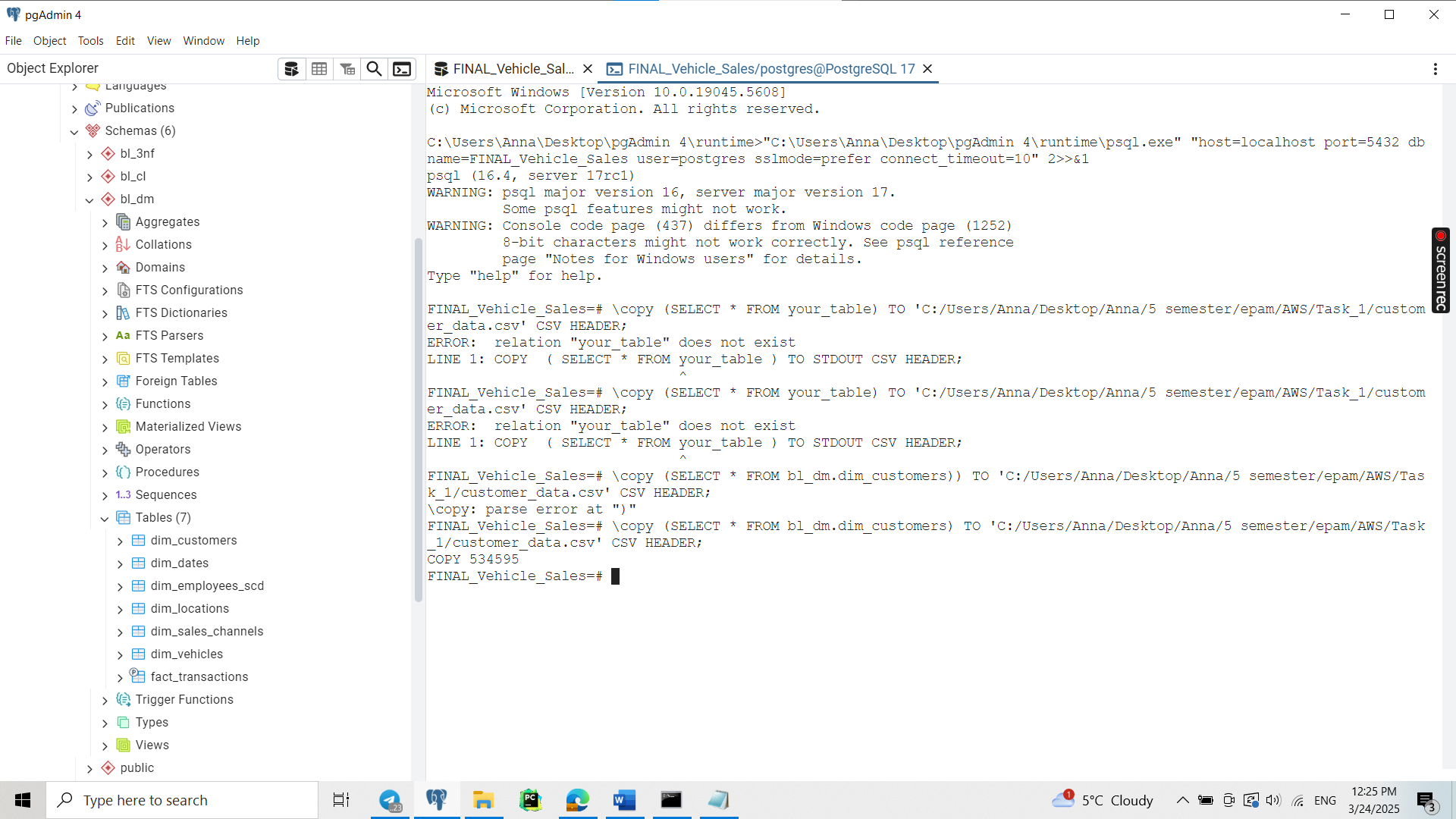
I configured students\_role



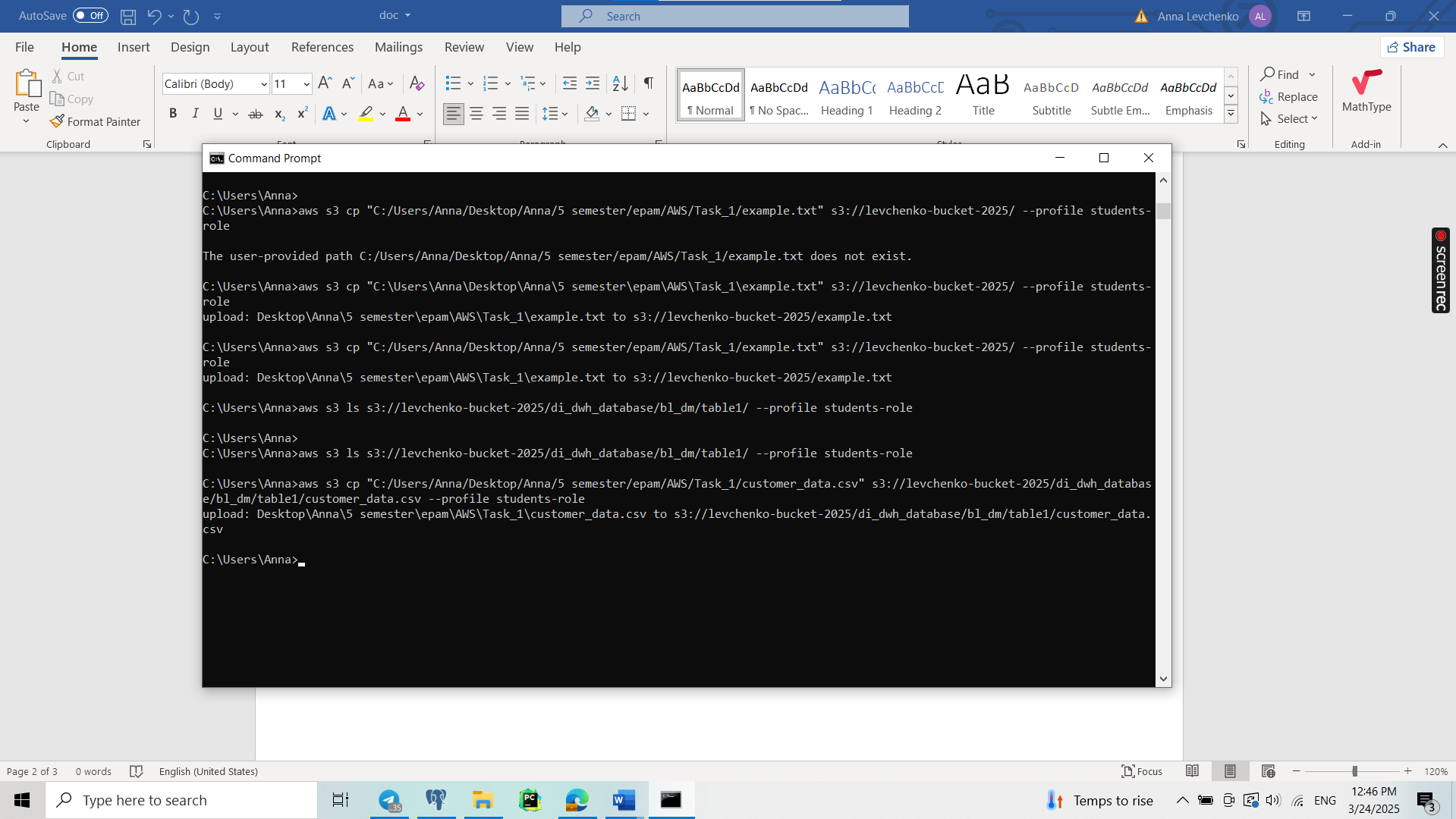
I created a bucket.



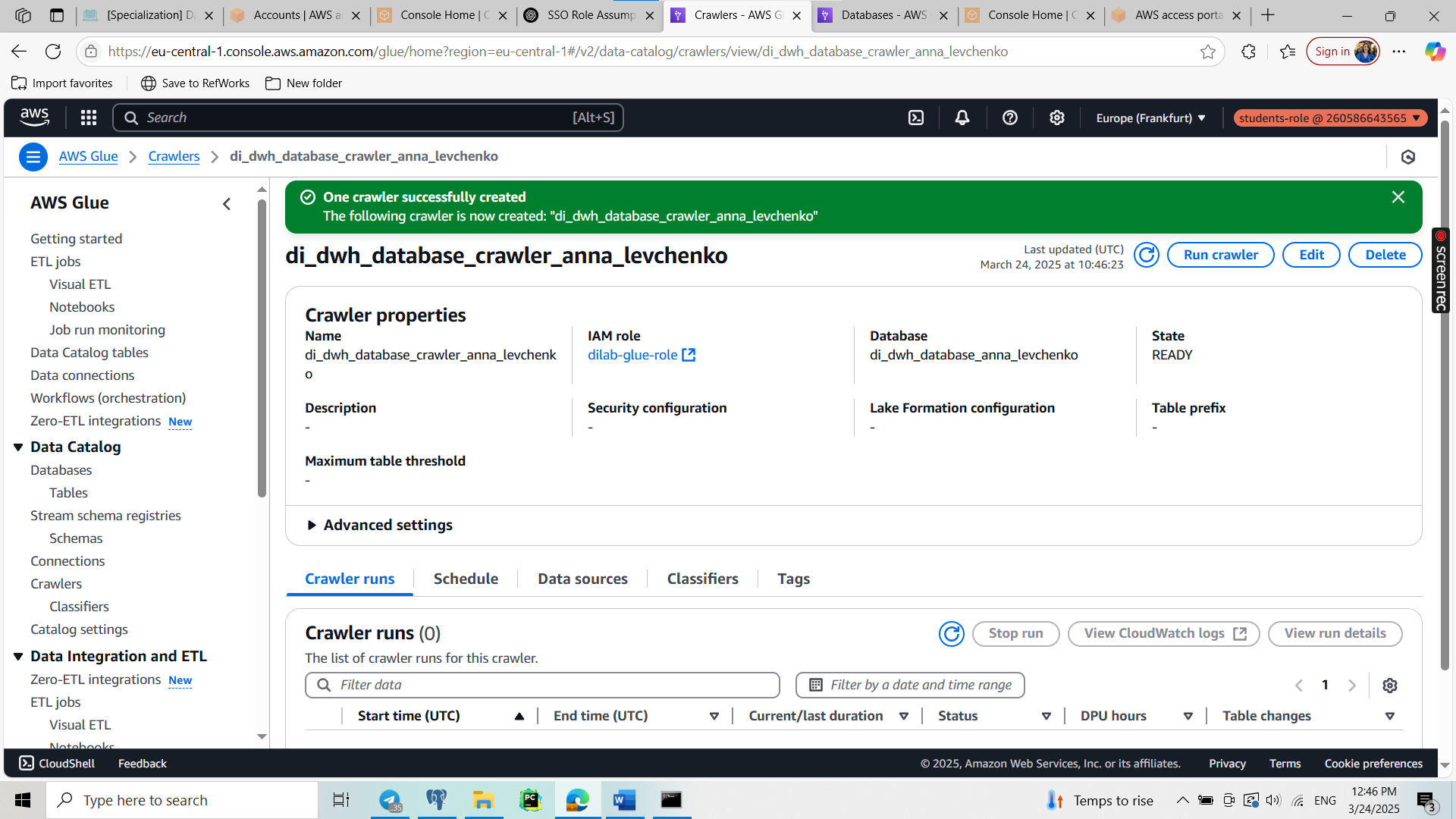
Here I copied table dim\_customers from PostgreSQL to customer\_data.csv.



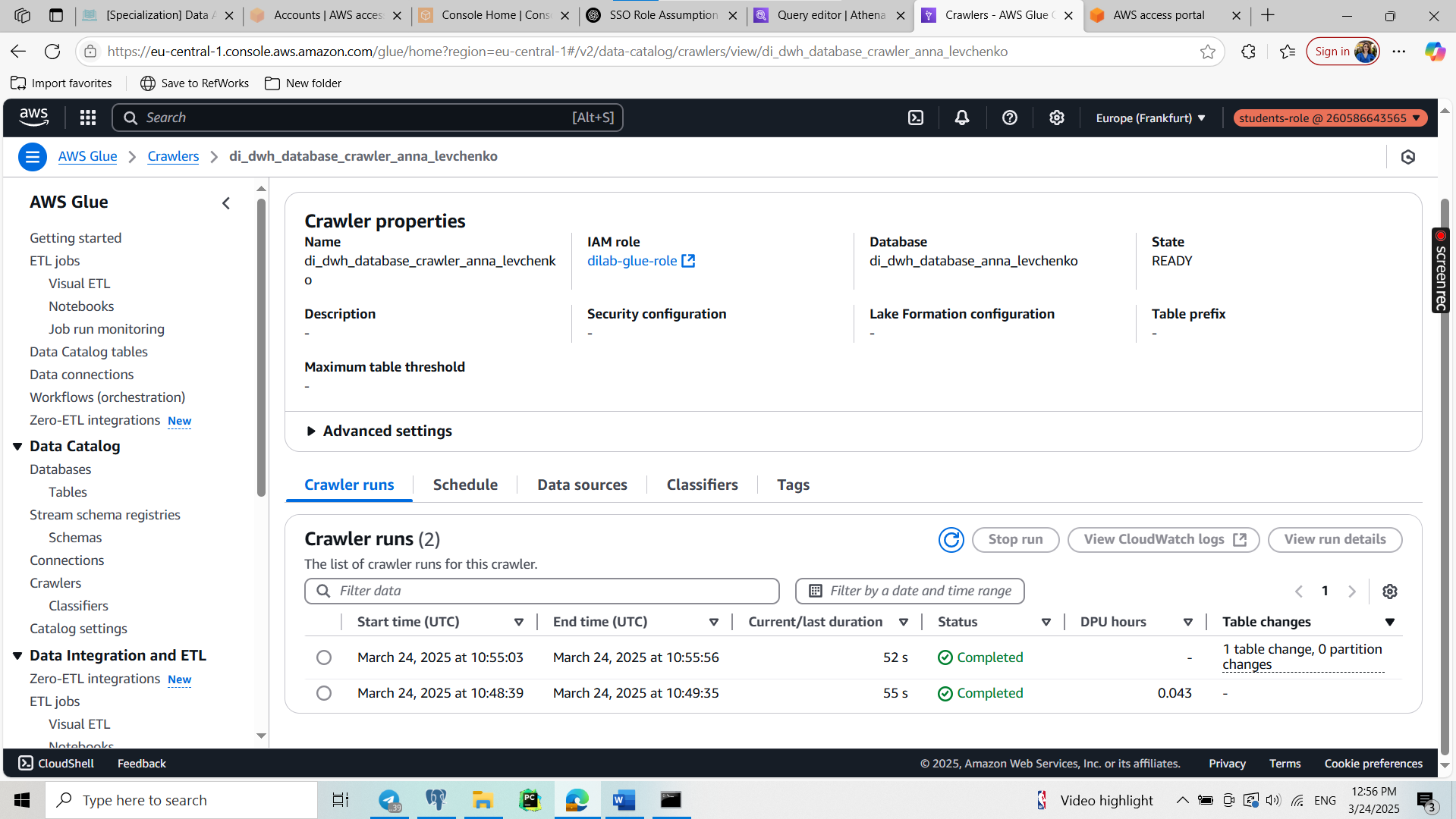
Then I uploaded it to S3.



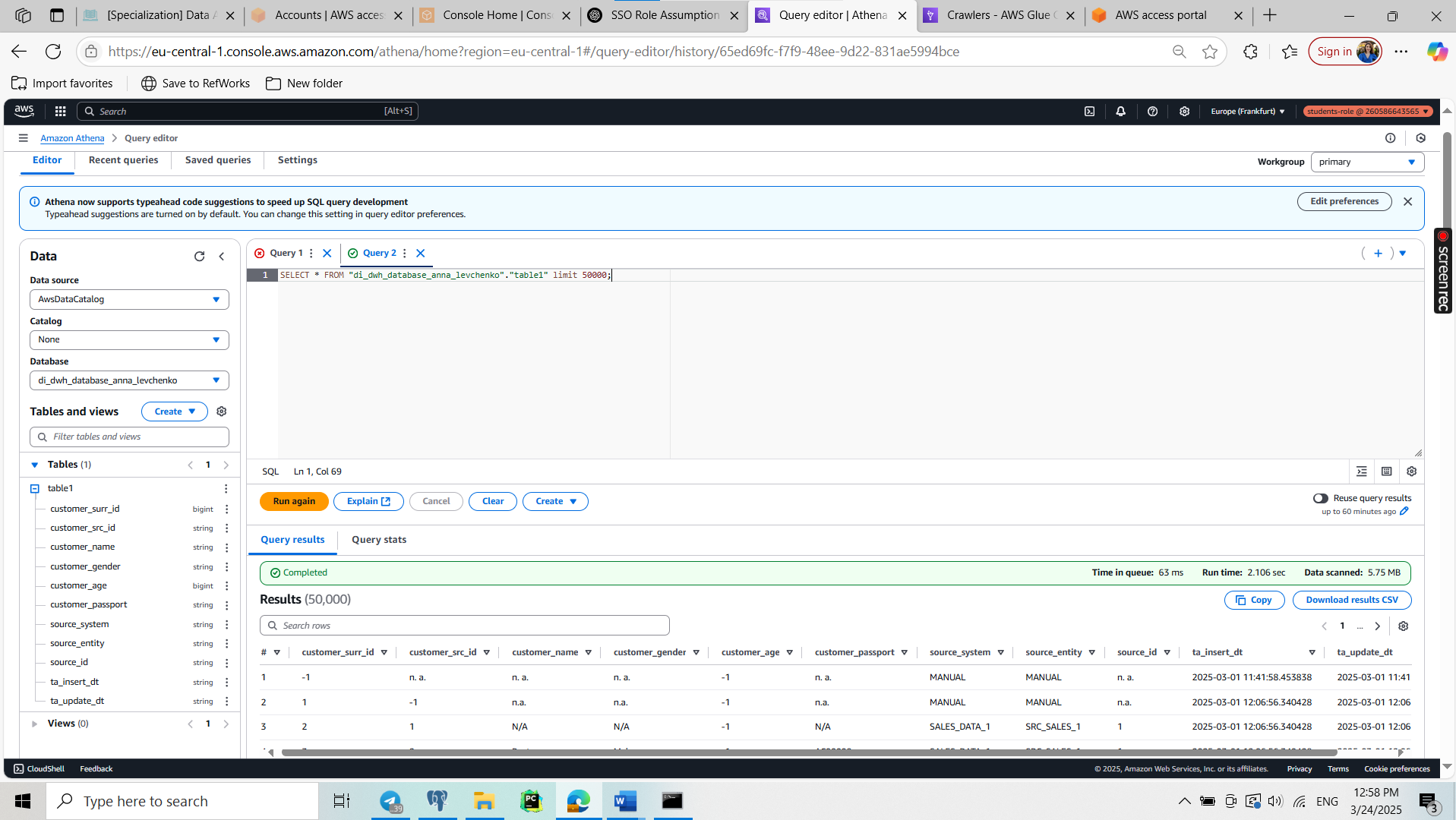
The I created clawer.



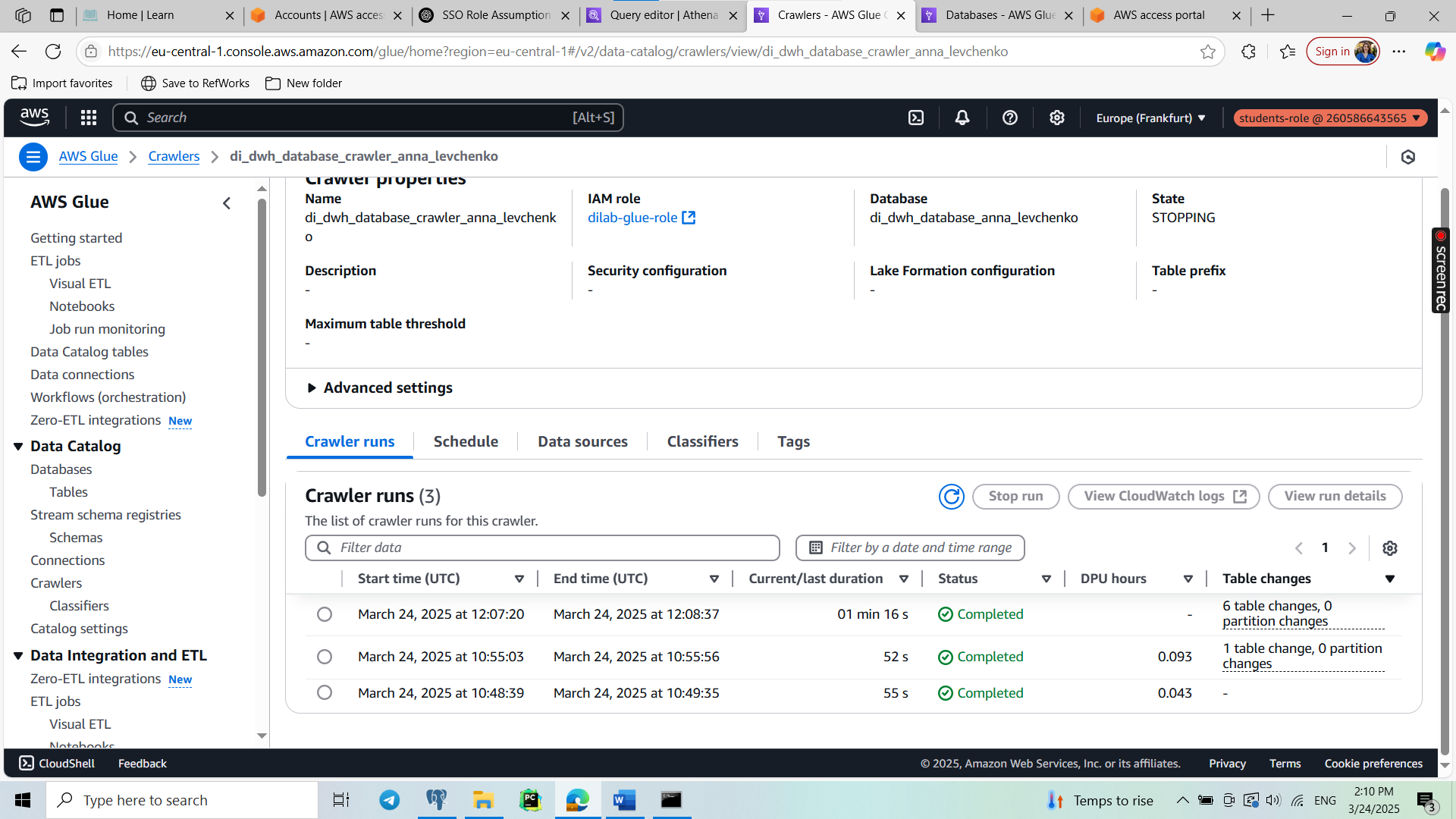
Then I run it and 1 table was uploaded.

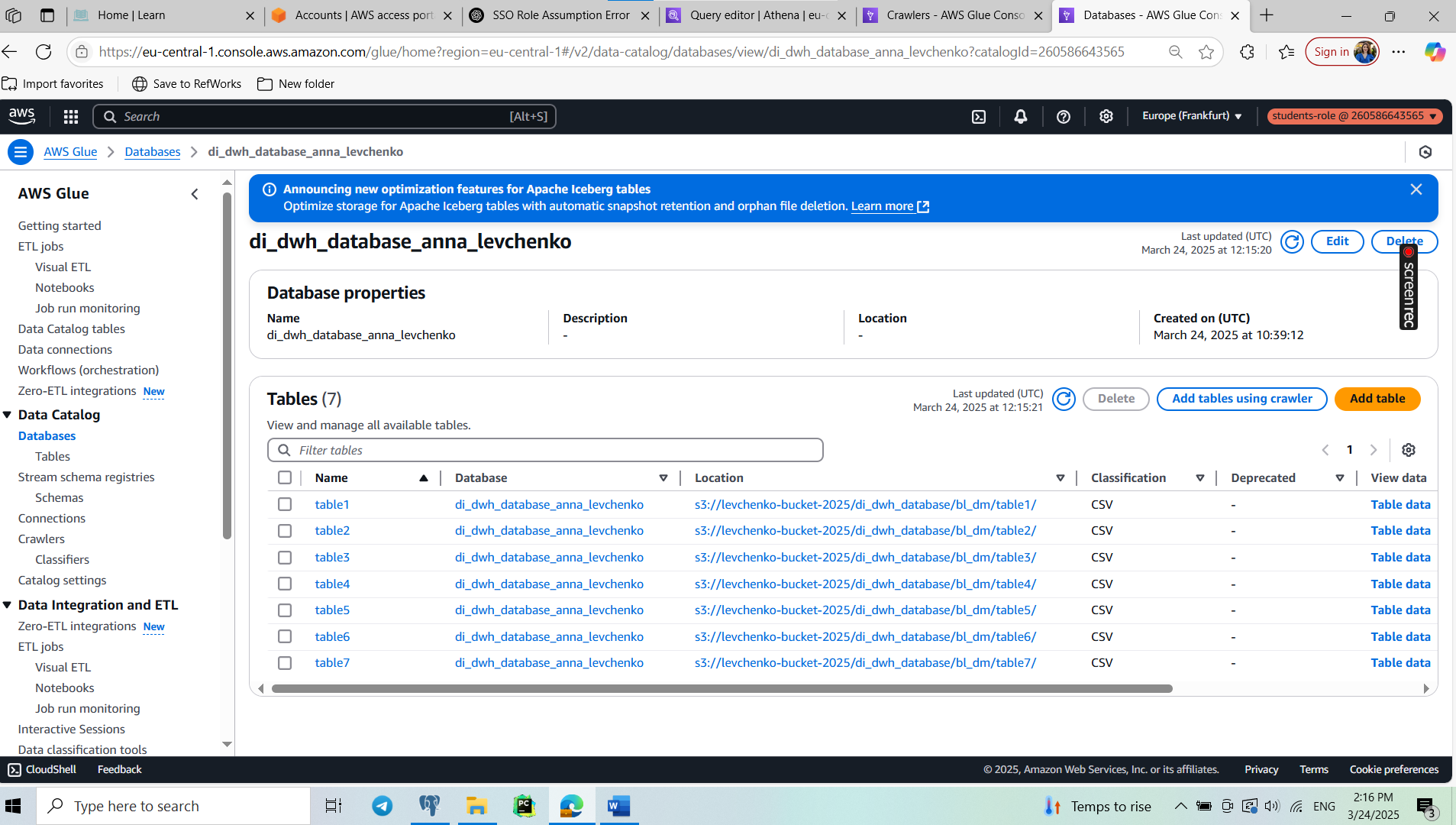


Then I queried it in Athena.



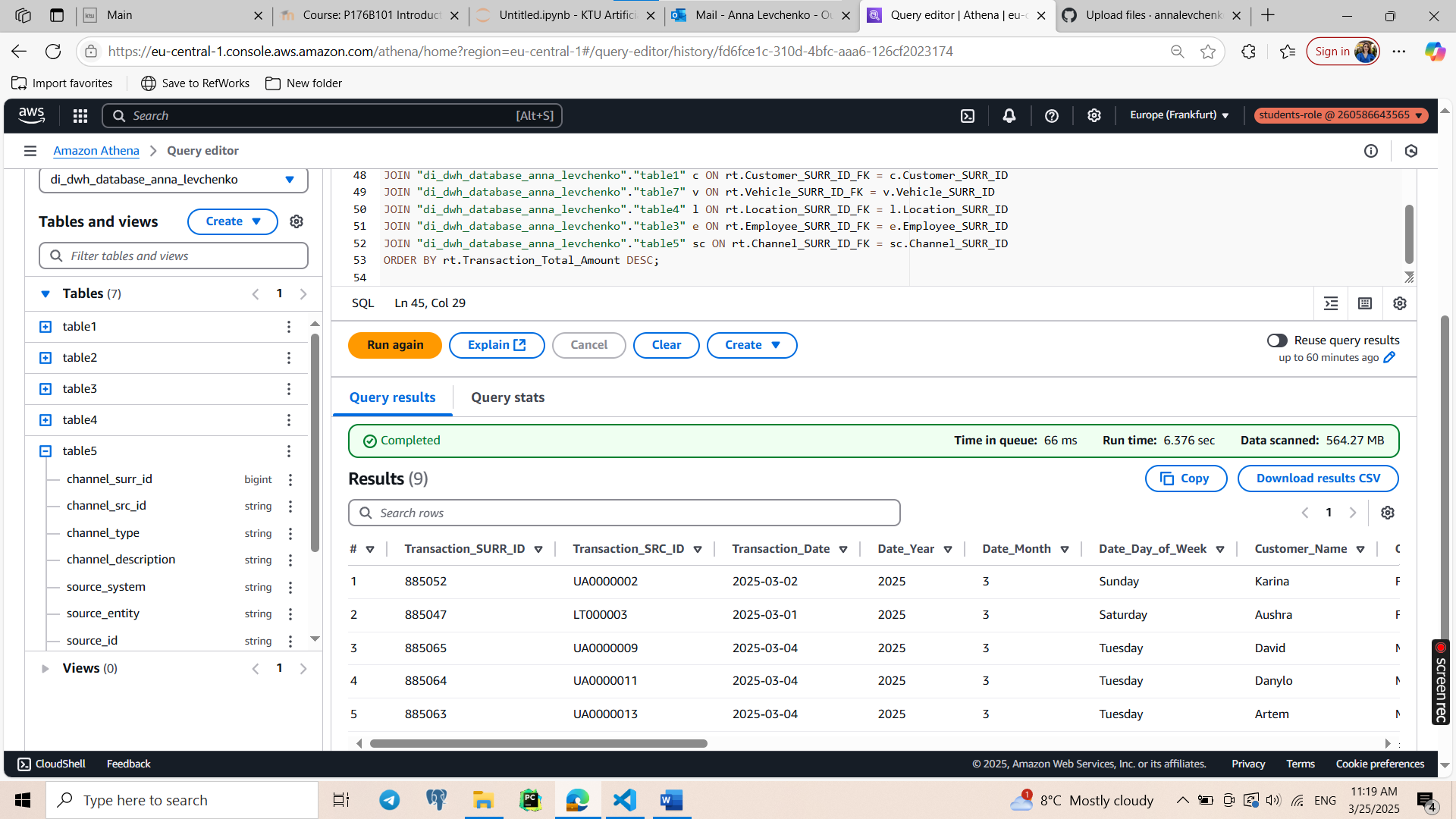
Then I performed the same with rest tables. Therefore, now +6 tables in S3.





Complex query:

Transactions that occurred in the last year, with total amounts greater than $50,000



WITH Recent\_Transactions AS (

SELECT

ft.Transaction\_SURR\_ID,

ft.Transaction\_SRC\_ID,

ft.Event\_DT\_FK,

ft.Customer\_SURR\_ID\_FK,

ft.Vehicle\_SURR\_ID\_FK,

ft.Location\_SURR\_ID\_FK,

ft.Employee\_SURR\_ID\_FK,

ft.Channel\_SURR\_ID\_FK,

ft.Transaction\_Amount,

ft.Transaction\_Quantity,

ft.Transaction\_Discount,

ft.Transaction\_Total\_Amount,

dd.Date\_Full,

dd.Date\_Year,

dd.Date\_Month,

dd.Date\_Day\_of\_Week

FROM "di\_dwh\_database\_anna\_levchenko"."table6" ft

JOIN "di\_dwh\_database\_anna\_levchenko"."table2" dd ON ft.Event\_DT\_FK = dd.Date\_ID

WHERE CAST(dd.Date\_Full AS DATE) >= DATE\_ADD('year', -1, CURRENT\_DATE)

AND ft.Transaction\_Total\_Amount > 50000

)

SELECT

rt.Transaction\_SURR\_ID,

rt.Transaction\_SRC\_ID,

rt.Date\_Full AS Transaction\_Date,

rt.Date\_Year,

rt.Date\_Month,

rt.Date\_Day\_of\_Week,

c.Customer\_Name,

c.Customer\_Gender,

c.Customer\_Age,

v.Vehicle\_Model\_Name,

v.Vehicle\_Year,

v.Vehicle\_Color,

l.Location\_City\_Name,

l.Location\_State\_Name,

e.Employee\_Name AS Sales\_Rep,

e.Employee\_Email,

sc.Channel\_Type AS Sales\_Channel,

rt.Transaction\_Amount,

rt.Transaction\_Quantity,

rt.Transaction\_Discount,

rt.Transaction\_Total\_Amount

FROM Recent\_Transactions rt

JOIN "di\_dwh\_database\_anna\_levchenko"."table1" c ON rt.Customer\_SURR\_ID\_FK = c.Customer\_SURR\_ID

JOIN "di\_dwh\_database\_anna\_levchenko"."table7" v ON rt.Vehicle\_SURR\_ID\_FK = v.Vehicle\_SURR\_ID

JOIN "di\_dwh\_database\_anna\_levchenko"."table4" l ON rt.Location\_SURR\_ID\_FK = l.Location\_SURR\_ID

JOIN "di\_dwh\_database\_anna\_levchenko"."table3" e ON rt.Employee\_SURR\_ID\_FK = e.Employee\_SURR\_ID

JOIN "di\_dwh\_database\_anna\_levchenko"."table5" sc ON rt.Channel\_SURR\_ID\_FK = sc.Channel\_SURR\_ID

ORDER BY rt.Transaction\_Total\_Amount DESC;