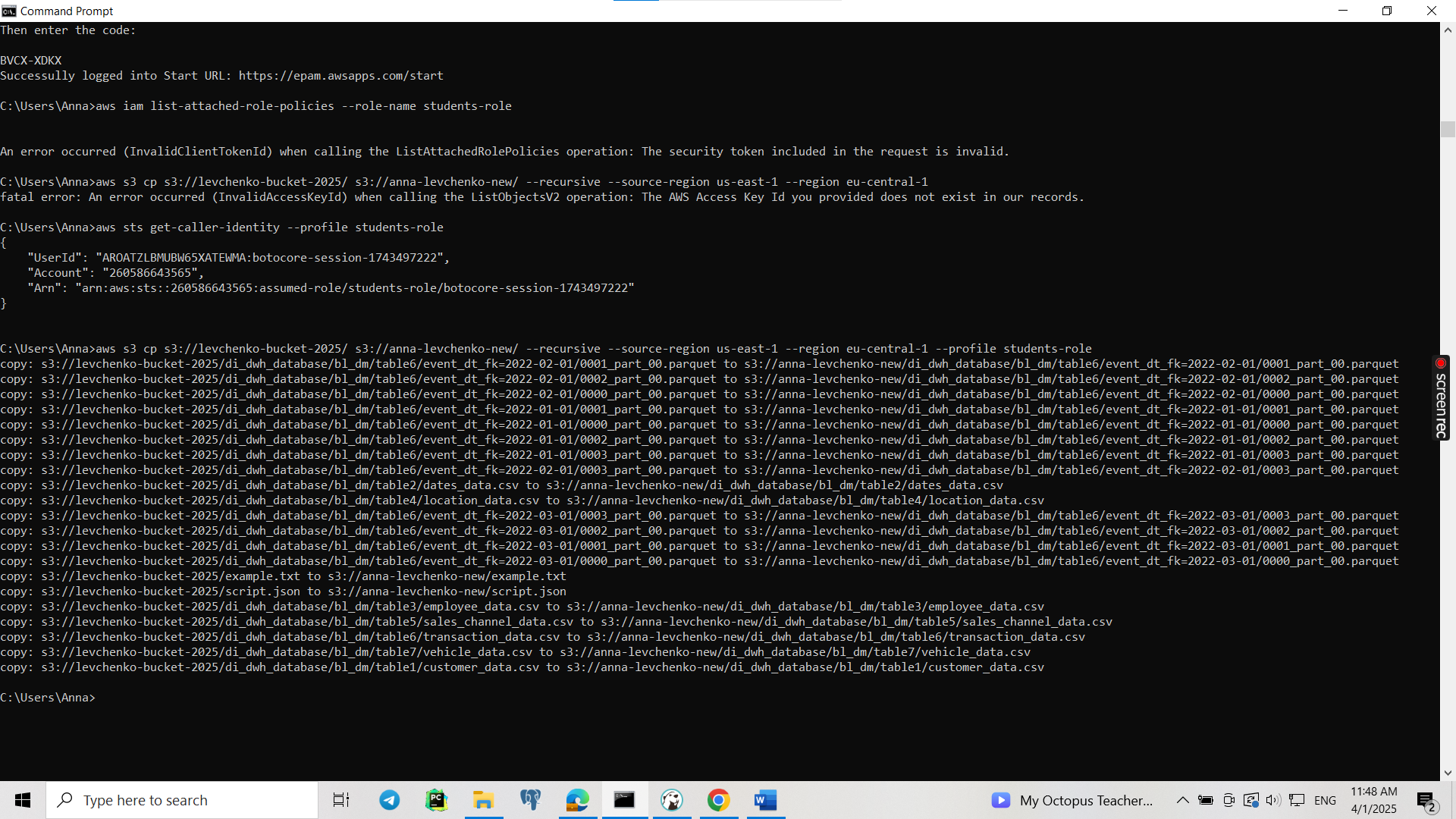
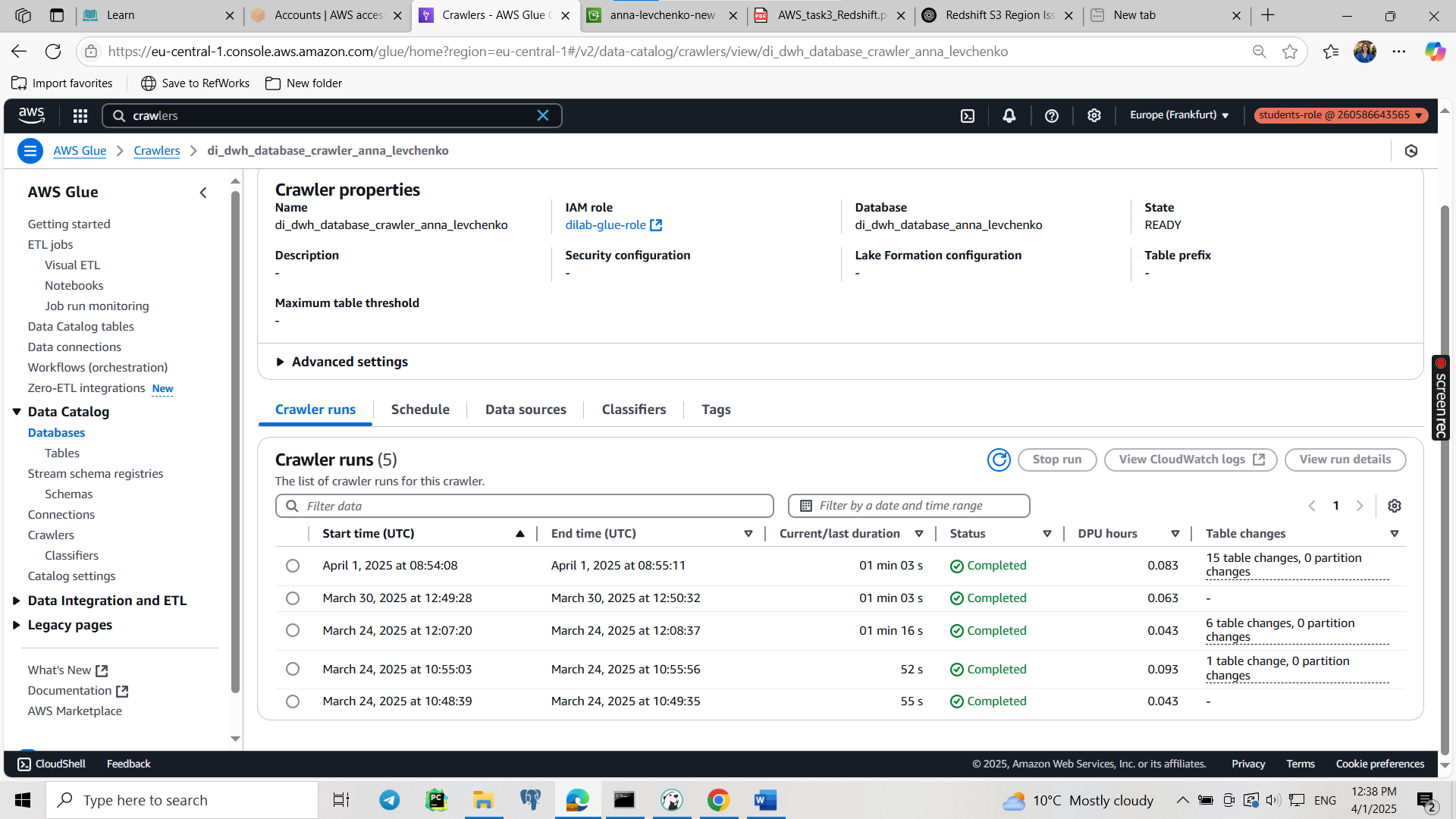
I created new bucket and then copied all files from us region to eu region



Then added to my crawler(from 1st hw) new source-bucket ‘anna\_levchenko\_new’



Then created new script:

**CREATE** **EXTERNAL** **SCHEMA** user\_dilab\_student51\_ext

**FROM** **DATA** **CATALOG**

**DATABASE** 'di\_dwh\_database\_anna\_levchenko'

IAM\_ROLE 'arn:aws:iam::260586643565:role/dilab-redshift-role'

REGION 'eu-central-1';

**CREATE** **EXTERNAL** **TABLE** user\_dilab\_student51\_ext.ext\_student\_partitioned (

transaction\_surr\_id **BIGINT**,

transaction\_src\_id **VARCHAR**(255),

customer\_surr\_id\_fk **BIGINT**,

vehicle\_surr\_id\_fk **BIGINT**,

location\_surr\_id\_fk **BIGINT**,

employee\_surr\_id\_fk **BIGINT**,

channel\_surr\_id\_fk **BIGINT**,

transaction\_payment\_method\_id **BIGINT**,

transaction\_payment\_method\_name **VARCHAR**(255),

transaction\_amount **BIGINT**,

transaction\_quantity **BIGINT**,

transaction\_discount **BIGINT**,

transaction\_total\_amount **BIGINT**,

source\_system **VARCHAR**(255),

source\_entity **VARCHAR**(255),

source\_id **BIGINT**,

ta\_insert\_dt **VARCHAR**(255),

ta\_update\_dt **VARCHAR**(255)

)

PARTITIONED **BY** (event\_dt\_fk **VARCHAR**(255)) -- Changed to VARCHAR

STORED **AS** PARQUET

**LOCATION** 's3://anna-levchenko-new/di\_dwh\_database/bl\_dm/table6/';

**ALTER** **TABLE** user\_dilab\_student51\_ext.ext\_student\_partitioned

**ADD** **PARTITION** (event\_dt\_fk = '2022-01-01')

**LOCATION** 's3://anna-levchenko-new/di\_dwh\_database/bl\_dm/table6/event\_dt\_fk=2022-01-01/';

**ALTER** **TABLE** user\_dilab\_student51\_ext.ext\_student\_partitioned

**ADD** **PARTITION** (event\_dt\_fk = '2022-02-01')

**LOCATION** 's3://anna-levchenko-new/di\_dwh\_database/bl\_dm/table6/event\_dt\_fk=2022-02-01/';

**ALTER** **TABLE** user\_dilab\_student51\_ext.ext\_student\_partitioned

**ADD** **PARTITION** (event\_dt\_fk = '2022-03-01')

**LOCATION** 's3://anna-levchenko-new/di\_dwh\_database/bl\_dm/table6/event\_dt\_fk=2022-03-01/';

**SELECT** \*

**FROM** user\_dilab\_student51\_ext.ext\_student\_partitioned

**SELECT** **Count**(*t*.\*)

**FROM** user\_dilab\_student51.transactions *t*

**JOIN** user\_dilab\_student51.date *d* **ON** *t*.event\_dt\_fk = *d*.date\_id

**WHERE** *d*.date\_full >= '2022-01-01' **AND** *d*.date\_full < '2022-02-01'

**SELECT** **Count**(*t*.\*)

**FROM** user\_dilab\_student51.transactions *t*

**JOIN** user\_dilab\_student51.date *d* **ON** *t*.event\_dt\_fk = *d*.date\_id

**WHERE** *d*.date\_full >= '2022-02-01' **AND** *d*.date\_full < '2022-03-01'

**SELECT** **Count**(*t*.\*)

**FROM** user\_dilab\_student51.transactions *t*

**JOIN** user\_dilab\_student51.date *d* **ON** *t*.event\_dt\_fk = *d*.date\_id

**WHERE** *d*.date\_full >= '2022-03-01' **AND** *d*.date\_full < '2022-04-01'

**SELECT** **COUNT**(\*)

**FROM** user\_dilab\_student51\_ext.ext\_student\_partitioned

**WHERE** event\_dt\_fk = '2022-01-01';

**SELECT** **COUNT**(\*)

**FROM** user\_dilab\_student51\_ext.ext\_student\_partitioned

**WHERE** event\_dt\_fk = '2022-02-01';

**SELECT** **COUNT**(\*)

**FROM** user\_dilab\_student51\_ext.ext\_student\_partitioned

**WHERE** event\_dt\_fk = '2022-03-01';

**SELECT** **COUNT**(\*)

**FROM** user\_dilab\_student51\_ext.ext\_student\_partitioned

**EXPLAIN**

**SELECT** \*

**FROM** user\_dilab\_student51\_ext.ext\_student\_partitioned

**WHERE** event\_dt\_fk >= '2022-03-01' **AND** event\_dt\_fk < '2022-04-01'

