Assignment 4

**Create database**

Create or replace database demo\_db;

**Create Schema**

create or replace schema demo\_db.Assignment\_4;

**create Info Table**

CREATE OR REPLACE TABLE demo\_db.Assignment\_4.info\_table (

username varchar

,followers numeric

,country varchar

,joined date

,location varchar

,name varchar

,player\_id varchar

,status varchar

,title varchar

);

**Create List Table**

CREATE or replace TABLE list\_table(

username VARCHAR

,is\_live boolean);

**Create Stats Table**

CREATE or replace TABLE stats\_table(

last\_blitz numeric

draw\_blitz numeric

loss\_blitz numeric

win\_blitz: numeric

last\_bullet numeric

draw\_bullet numeric

loss\_bullet numeric

win\_bullet numeric

last\_rapid numeric

draw\_rapid numeric

loss\_rapid numeric

win\_rapid numeric

FIDE numeric );

**Create Stage**

CREATE OR REPLACE STAGE DEMO\_DB.Assignment\_4.MY\_S3\_STAGE

URL='s3://sami-s3-bucket/Data/'

CREDENTIALS=(AWS\_KEY\_ID='AKIA6XXXXXXXXBRN2' AWS\_SECRET\_KEY='4gYj4mT2FozwYwUDXXXXXXXXXX5iL1Tl5/6')

file\_format = my\_file\_format;

list @DEMO\_DB.Assignment\_4.MY\_S3\_STAGE;

**Create pipe for Info Table**

CREATE OR REPLACE PIPE DEMO\_DB.Assignment\_4.info\_table\_pipe

AUTO\_INGEST = TRUE AS

COPY INTO info\_table(username, followers, country, joined, location, name, player\_id, status, title)

FROM (

SELECT $1:username::varchar as username,

$1:followers::numeric as followers,

$1:country::varchar as country,

$1:joined::date as joined,

$1:location::varchar as location,

$1:name::varchar as name,

$1:player\_id::varchar as player\_id,

$1:status::varchar as status,

$1:title::varchar as title

FROM @DEMO\_DB.Assignment\_4.MY\_S3\_STAGE/Info\_file.json

)

FILE\_FORMAT = (FORMAT\_NAME = 'DEMO\_DB.PUBLIC.my\_file\_format')

ON\_ERROR = 'CONTINUE';

alter pipe info\_table\_pipe refresh;

**create pipe for List Table**

CREATE OR REPLACE PIPE DEMO\_DB.Assignment\_4.list\_table\_pipe

AUTO\_INGEST = TRUE AS

COPY INTO list\_table(username,is\_live)

FROM (

SELECT $1:username::varchar as username,

$1:is\_live::boolean as is\_live,

FROM @DEMO\_DB.Assignment\_4.MY\_S3\_STAGE/list\_file.json

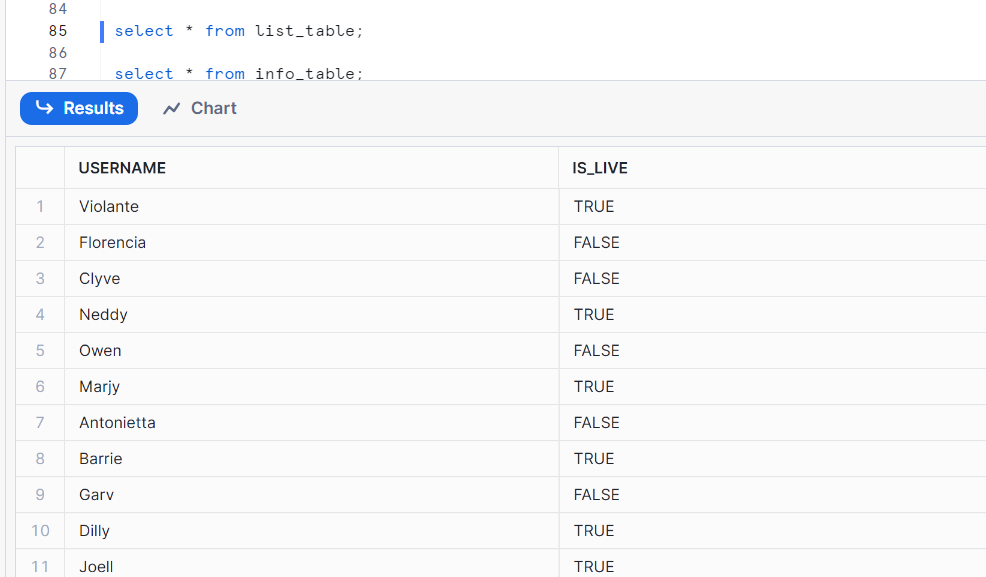
)

FILE\_FORMAT = (FORMAT\_NAME = 'DEMO\_DB.PUBLIC.my\_file\_format')

ON\_ERROR = 'CONTINUE';

alter pipe list\_table\_pipe refresh;

select \* from list\_table;



select \* from info\_table;

A screenshot of a computer

Description automatically generated