CREATE OR REPLACE PROCEDURE StoredProc()

RETURNS VARCHAR NOT NULL

LANGUAGE JAVASCRIPT

EXECUTE AS CALLER

AS

$$

var my\_sql\_command ="CREATE OR REPLACE DATABASE STORED\_PROCEDURE";

snowflake.createStatement({sqlText:my\_sql\_command}).execute();

var my\_sql\_command1 ="CREATE OR REPLACE SCHEMA external\_staging";

snowflake.createStatement({sqlText:my\_sql\_command1}).execute();

snowflake.createStatement({sqlText:`CREATE OR REPLACE STAGE AWSD url='s3://my-aws-s3-bucket-vdasari21/ProjectFiles/Final\_NBA\_Data.csv'

credentials=(aws\_key\_id='' aws\_secret\_key='');`}).execute();

snowflake.createStatement({sqlText:`create or replace table nba\_player\_stats (

PLAYER\_ID INT,

RANK INT,

PLAYER VARCHAR,

TEAM\_ID BIGINT,

TEAM VARCHAR,

GP FLOAT,

MIN FLOAT,

FGM FLOAT,

FGA FLOAT,

FG\_PCT FLOAT,

FG3M FLOAT,

FG3A FLOAT,

FG3\_PCT FLOAT,

FTM float,

FTA float,

FT\_PCT FLOAT,

OREB FLOAT,

DREB FLOAT,

REB FLOAT,

AST FLOAT,

STL FLOAT,

BLK FLOAT,

TOV FLOAT,

PTS FLOAT,

EFF FLOAT

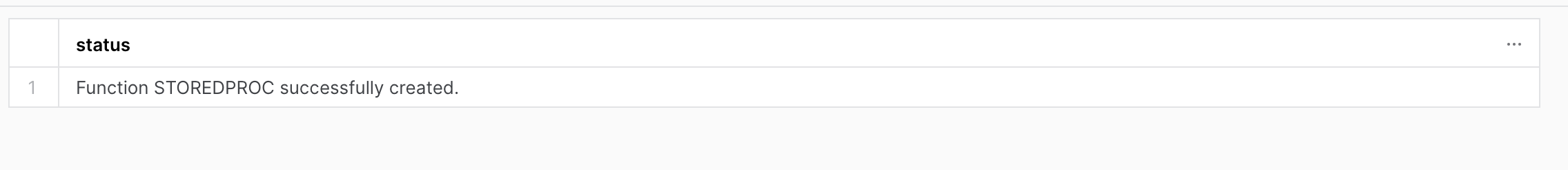
);`}).execute();

snowflake.createStatement({sqlText:`copy into nba\_player\_stats from

@STAGINGS.EXTERNAL\_STAGING.AWS file\_format = (type='csv' field\_delimiter=',' skip\_header=1);`}).execute();

return "Success";

$$;



#Retrieve all data from the table

SELECT \* FORM nba\_player\_stats;

Table

Description automatically generated with medium confidence

Explanation:

1. We have created a stored procedure with name "StoredProc"

2. This stored procedure returns a string VARCHAR

3. We have given caller rights for this stored procedure

4. In the above stored procedure, we have done the following:

1. Created Database STORED\_PROCEDURE

2. Created Schema external\_staging

3. Created Stage with AWS s3

4. Created table nba\_player\_stats with columns matching the data in S3.

5. Copied data from stage into table

6. Retrieve data from the table