Loading Of Unstructured Data Using JASON In Snowflake

Step 1: Creating Stage and Raw File :

Code:

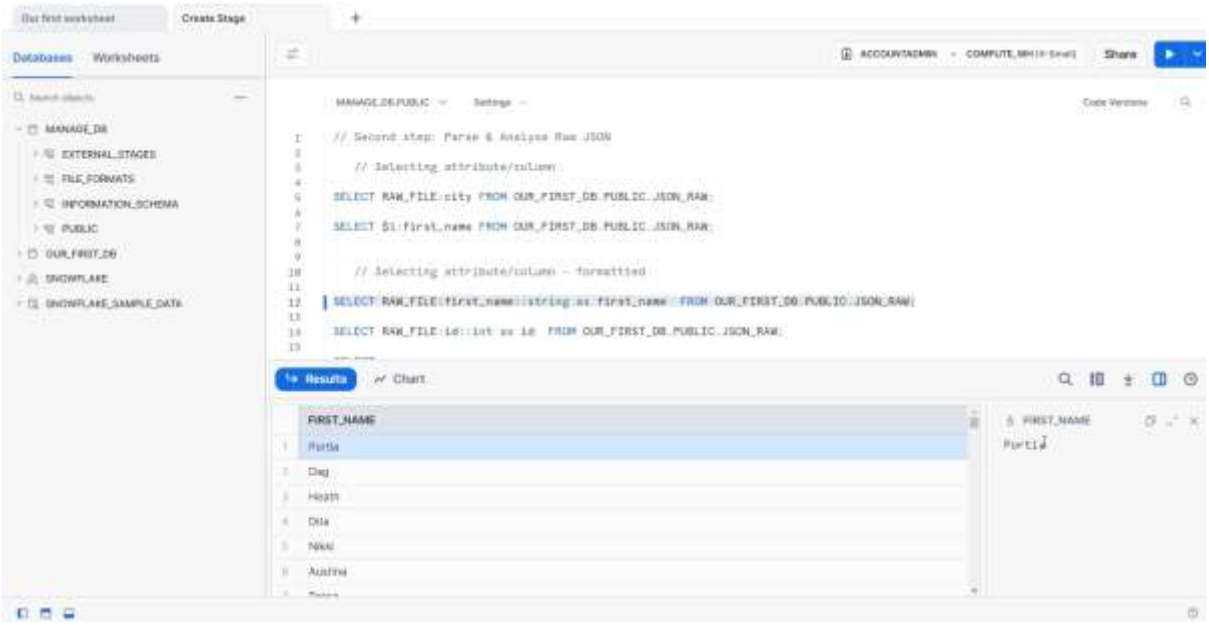
// First step: Load Raw JSON

```
CREATE OR REPLACE stage MANAGE_DB.EXTERNAL_STAGES.JSONSTAGE
    url='s3://bucketsnowflake-jsondemo';

CREATE OR REPLACE file format MANAGE_DB.FILE_FORMATS.JSONFORMAT
   TYPE = JSON;


CREATE OR REPLACE table OUR_FIRST_DB.PUBLIC.JSON_RAW (
   raw_file variant);

COPY INTO OUR_FIRST_DB.PUBLIC.JSON_RAW
   FROM @MANAGE_DB.EXTERNAL_STAGES.JSONSTAGE
   file_format= MANAGE_DB.FILE_FORMATS.JSONFORMAT
   files = ('HR_data.json');


SELECT * FROM OUR_FIRST_DB.PUBLIC.JSON_RAW;
```

- HR_data.json" – This is the HR data file which is basically your JASON file
- The Data is been Loaded as you can see from the below image

- Once the table is well executed you will be able to see like the given image below it is correctly interrupter

STEP 2 : Parsing And Analyzing :



Well Structured Data :