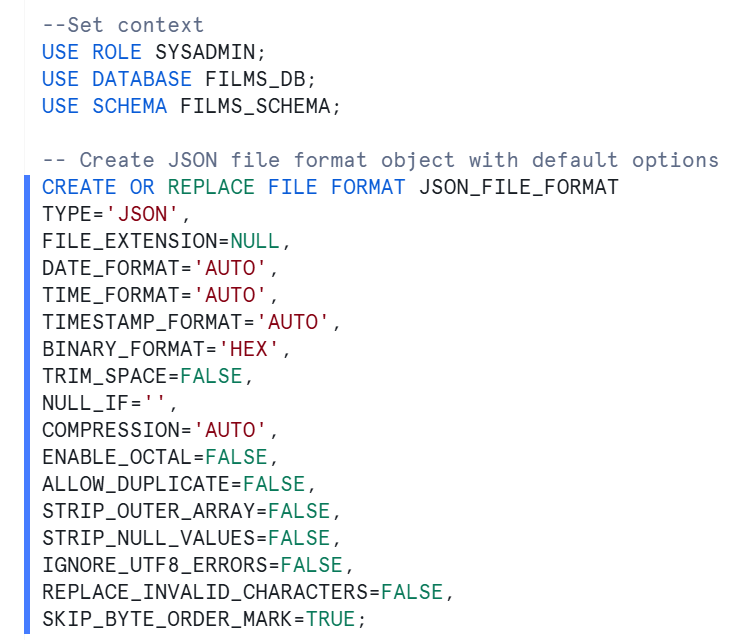
**Semi-Structured Data Hands On**

**Step 1: Set Context and Create JSON file format.**



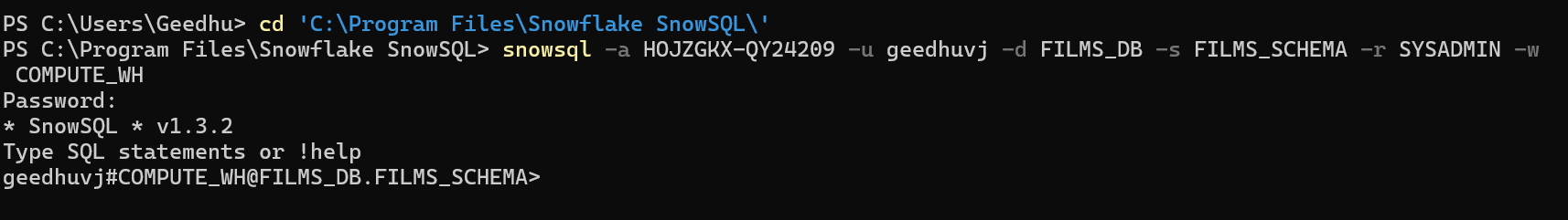
**Step2 : Open powershell and using put command copy the data to the internal Named stage**

**Command 1:**

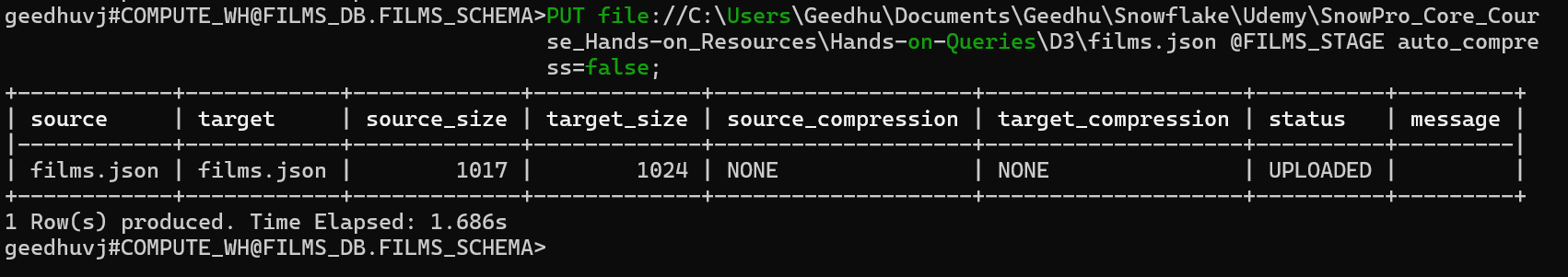
cd 'C:\Program Files\Snowflake SnowSQL\'

**Command 2:**

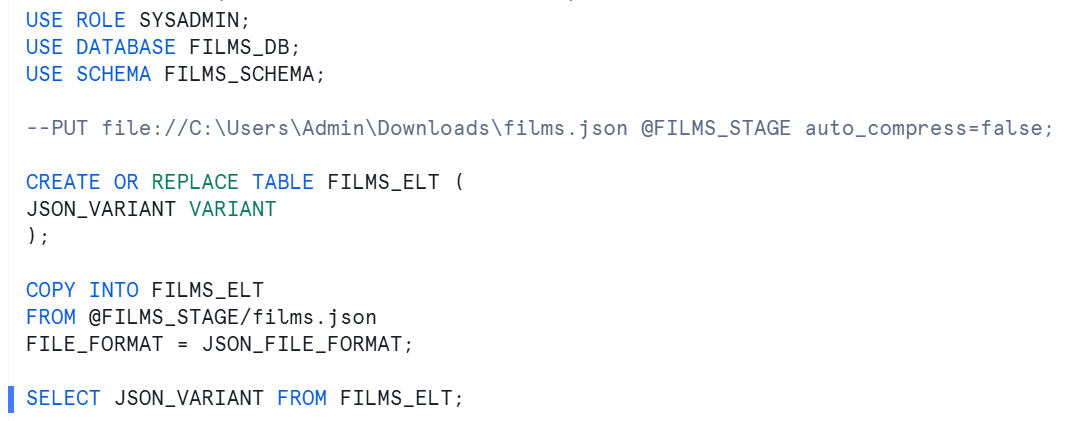
snowsql -a HOJZGKX-QY24209 -u geedhuvj -d FILMS\_DB -s FILMS\_SCHEMA -r SYSADMIN -w COMPUTE\_WH

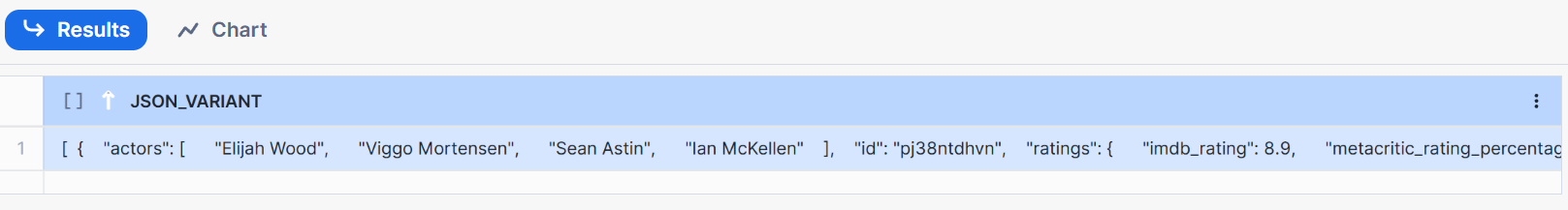


***Command 3:*** PUT file://C:\Users\Geedhu\Documents\Geedhu\Snowflake\Udemy\SnowPro\_Core\_Course\_Hands-on\_Resources\Hands-on-Queries\D3\films.json @FILMS\_STAGE auto\_compress=false;

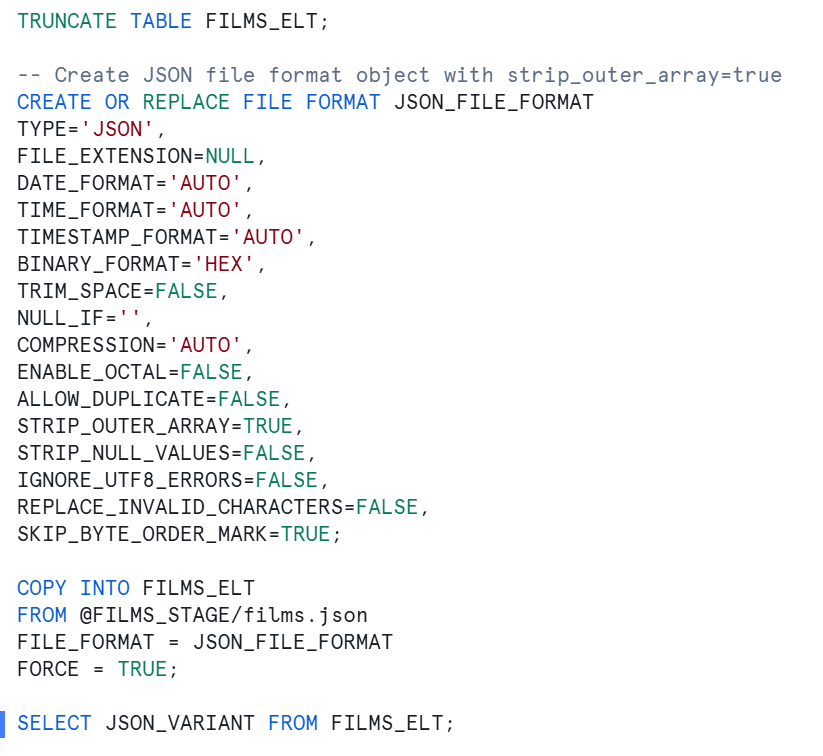


**Step 3: Understanding ELT**





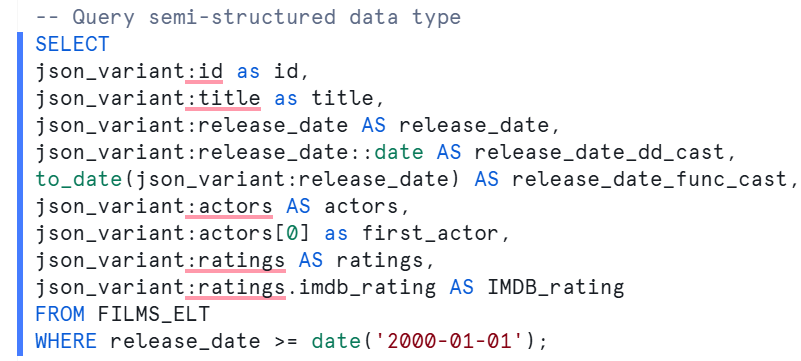
Step 3a: in a row only 16 MB can be stored so if file exceeds 16 MB, how to get the entire data is by setting in JSON file format “Strip\_outer\_Array= true”, this way it remove all brackets and entire file will be considered.

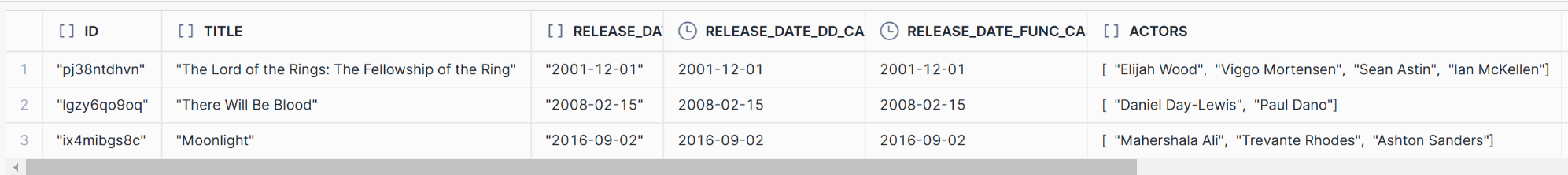




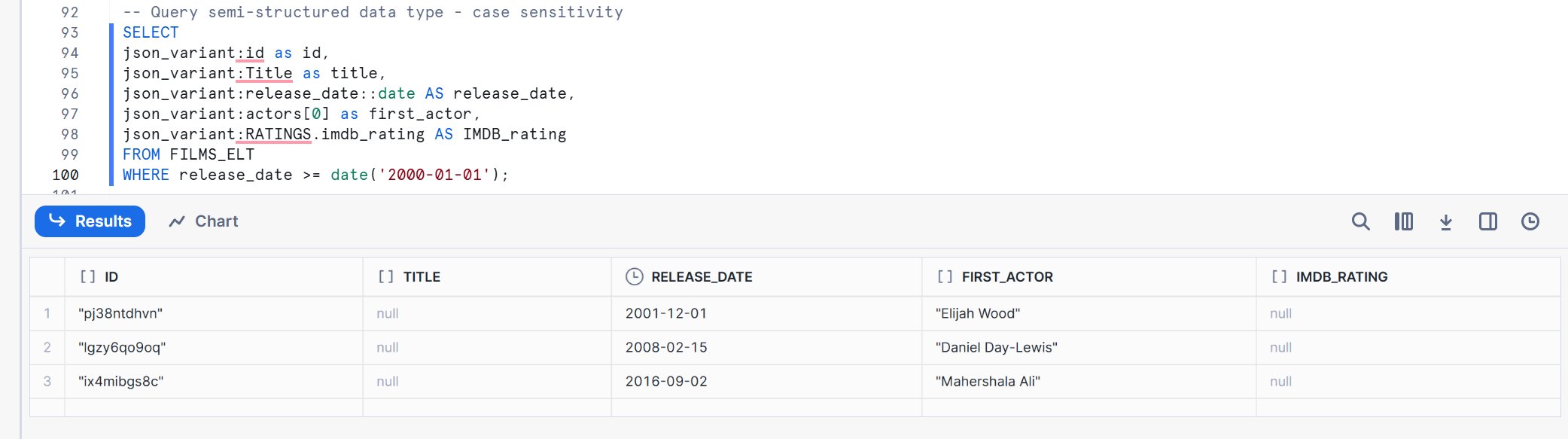
**Step 4: Query Semi Structured Data**

**Query 1:**

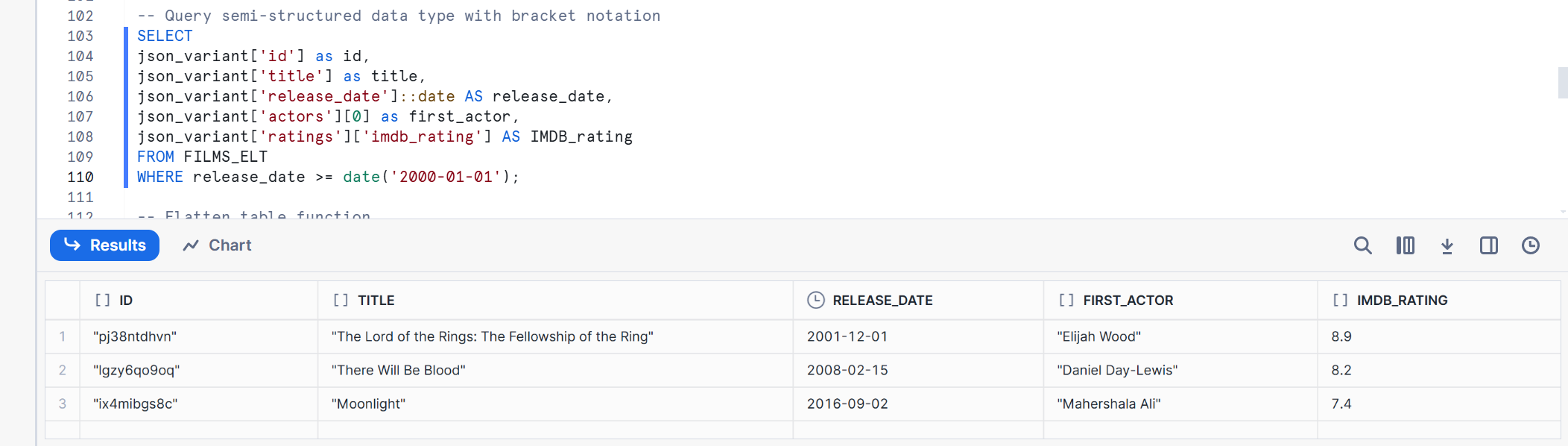
****

****

**Query 2:**

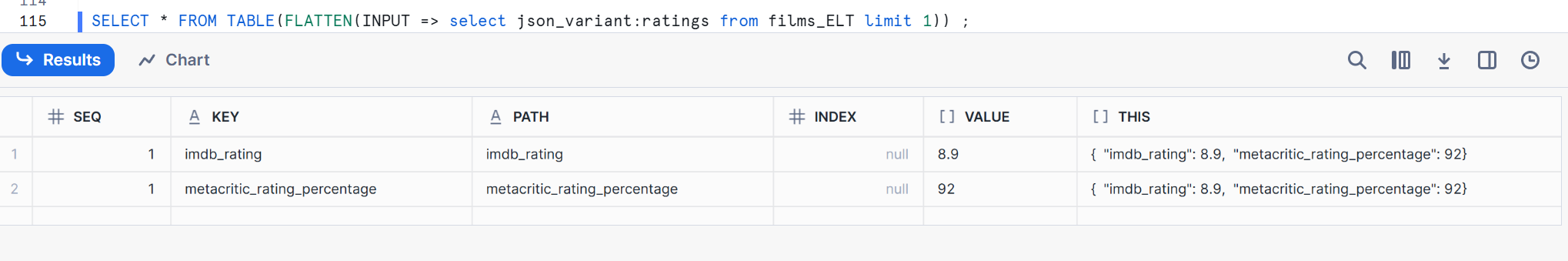
****

**Query 3:**

****

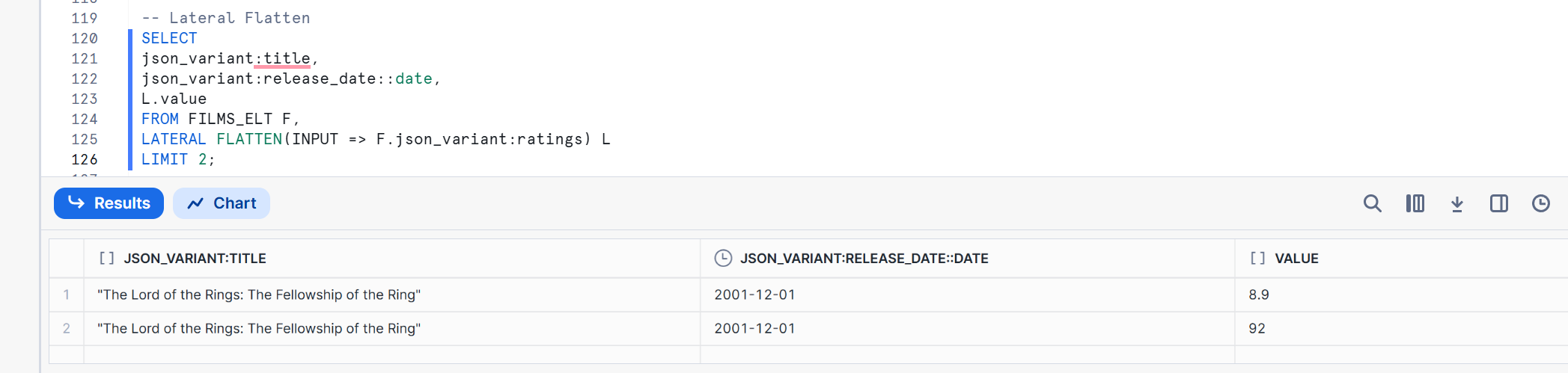
**Step 5: Using FLATTEN TABLE Function**

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****

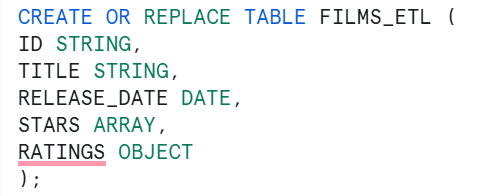
****

**Step 6: Using LATERAL FLATTEN Function**

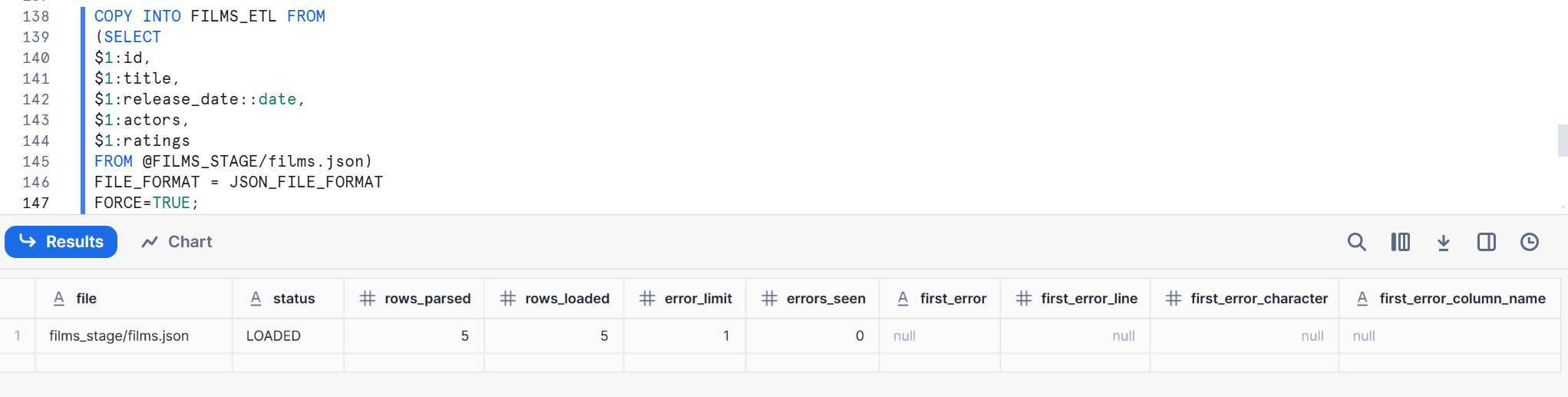
****

**Step 7: ETL**

**Create Table**

****

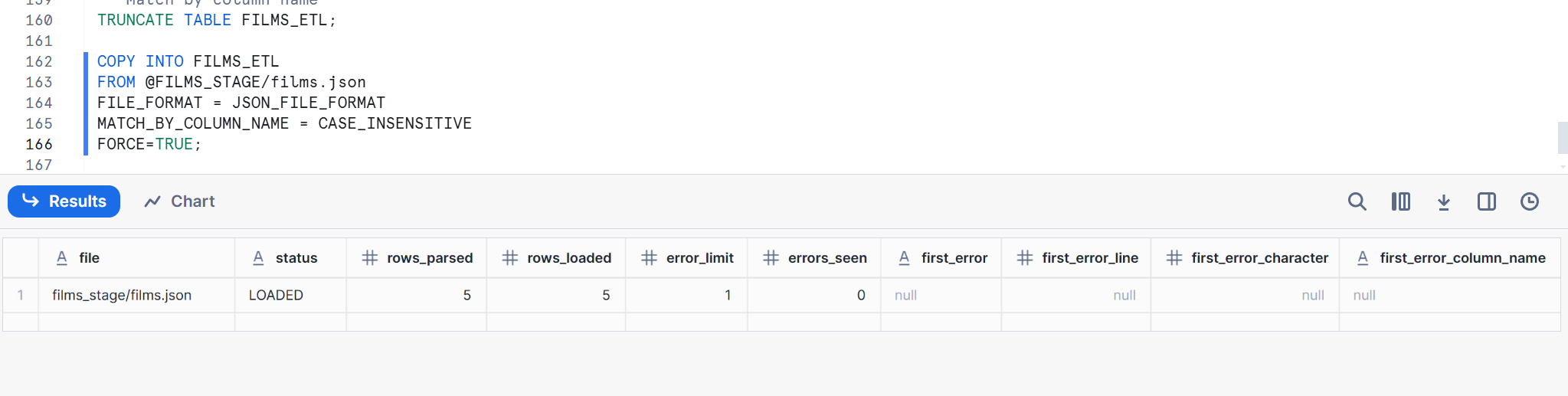
**Copy into Table**

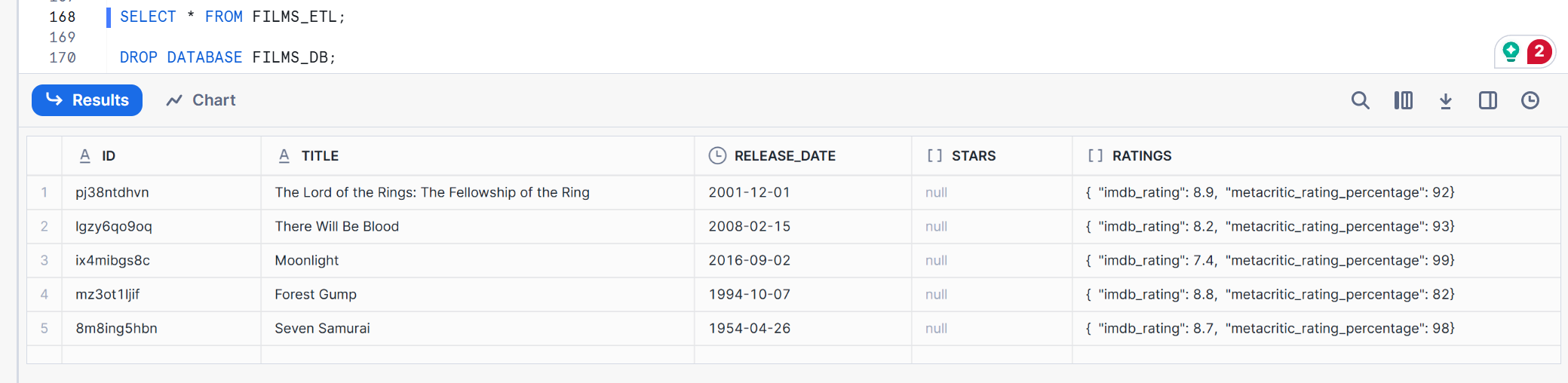
****

**Display Table values**

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**Step 8: Using Match by Column option for automatically loading data to table**

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