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Snowflake Lab 2

QUERYING THE DATA TO GET REVENUES PER YEAR:

The screenshot shows the Snowflake web interface. The left sidebar contains a navigation menu with options like 'Databases', 'Worksheets', 'Visualizations', and 'Working with Snowsight'. The main area displays a SQL query in a dark-themed editor. The query is a SELECT statement that pulls revenue data from the 'SNOWBEAR_DB.PROMO_CATALOG_SALES' table, grouped by year from 2012 to 2018. Below the query editor, the 'Results' tab is active, showing a table with two columns: 'YEAR' and 'SUM_GROSS_REVENUE'. The table contains seven rows of data. To the right of the table, a 'Query Details' panel shows the query duration as 84ms and the number of rows as 7. At the bottom right, a small bar chart visualizes the revenue data for the years 2012 through 2018.

```
7 // RUNNING A QUERY TO PULL THE REVENUE PER YEAR
8
9
10 SELECT
11   YEAR(O.O_ORDERDATE) AS YEAR,
12   SUM(L.L_EXTENDEDPRICE) AS SUM_GROSS_REVENUE
13
14 FROM
15   CUSTOMER C
16   INNER JOIN ORDERS O ON C.C_CUSTKEY = O.O_CUSTKEY
17   INNER JOIN LINEITEM L ON O.O_ORDERKEY = L.L_ORDERKEY
18
19 GROUP BY YEAR
20 ORDER BY YEAR;
```

	YEAR	SUM_GROSS_REVENUE
1	2012	347469878.97
2	2013	347599275.80
3	2014	348306906.41
4	2015	349644162.69
5	2016	350289512.39
6	2017	347900647.96
7	2018	204563664.99

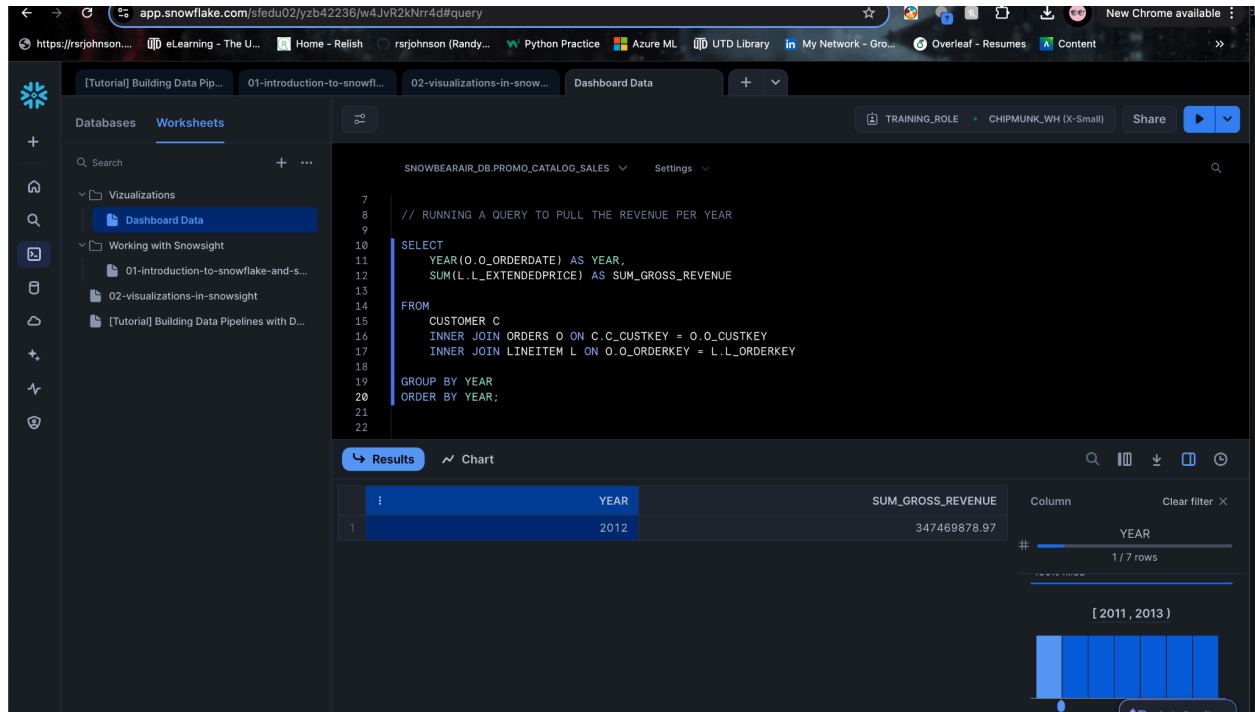
Query Details

- Query duration: 84ms
- Rows: 7
- Query ID: 01b81862-0004-1c9f-0...

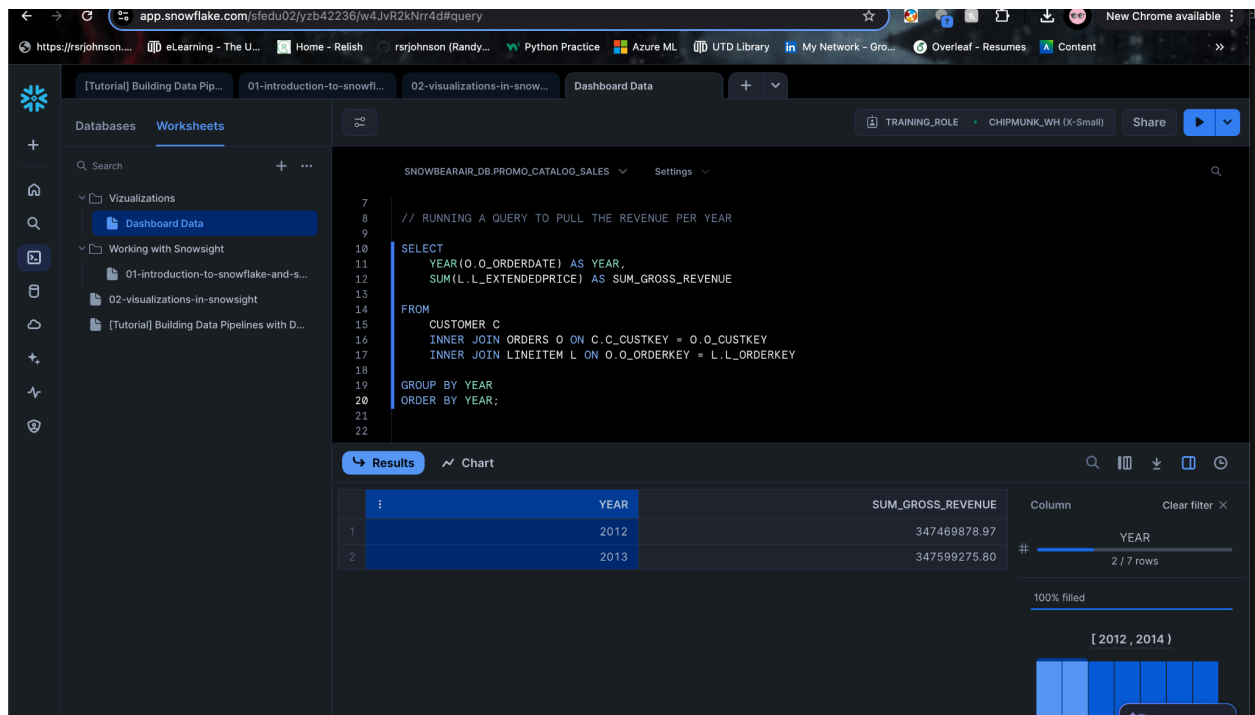
YEAR

2012

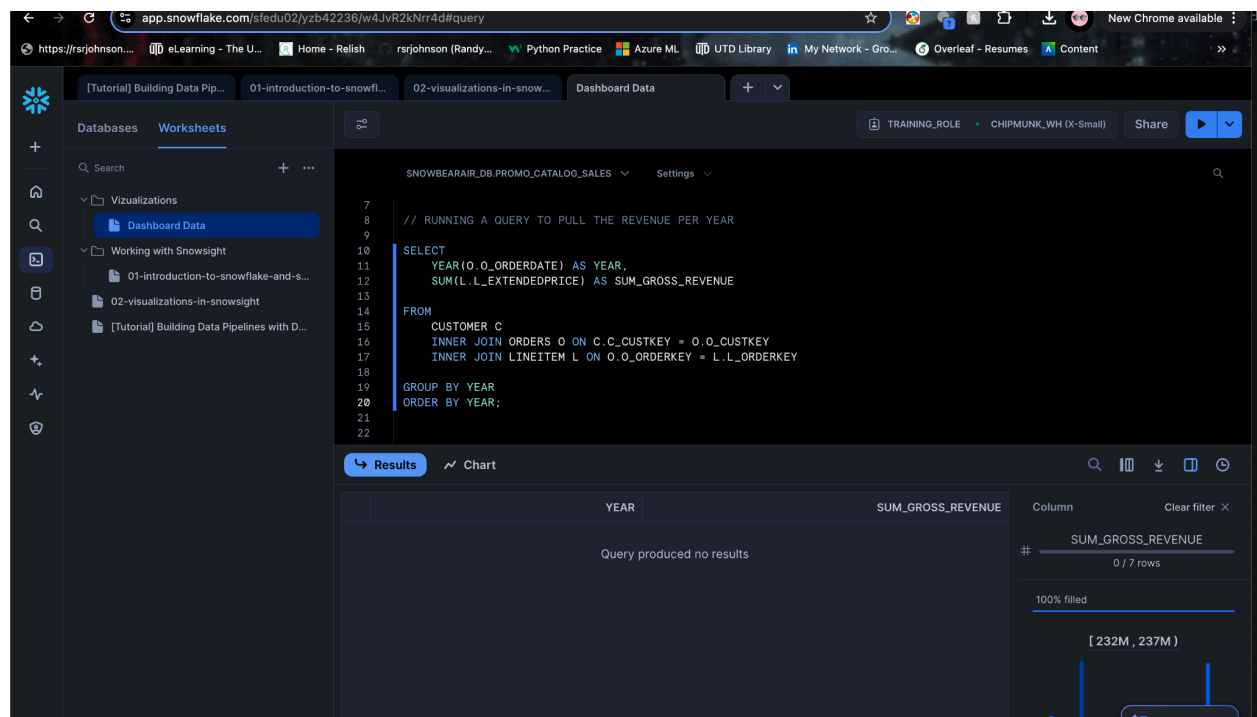
RESULTS FOR 2012 ONLY:



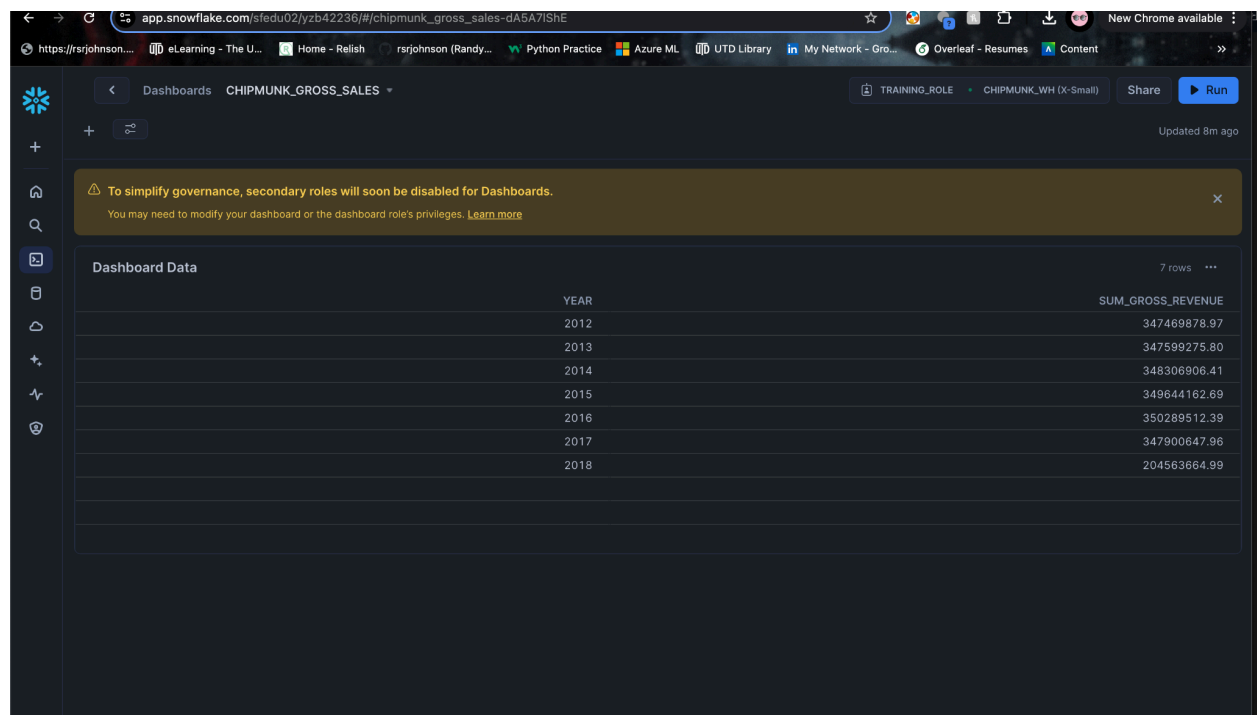
INCLUDING 2012 AND 2013



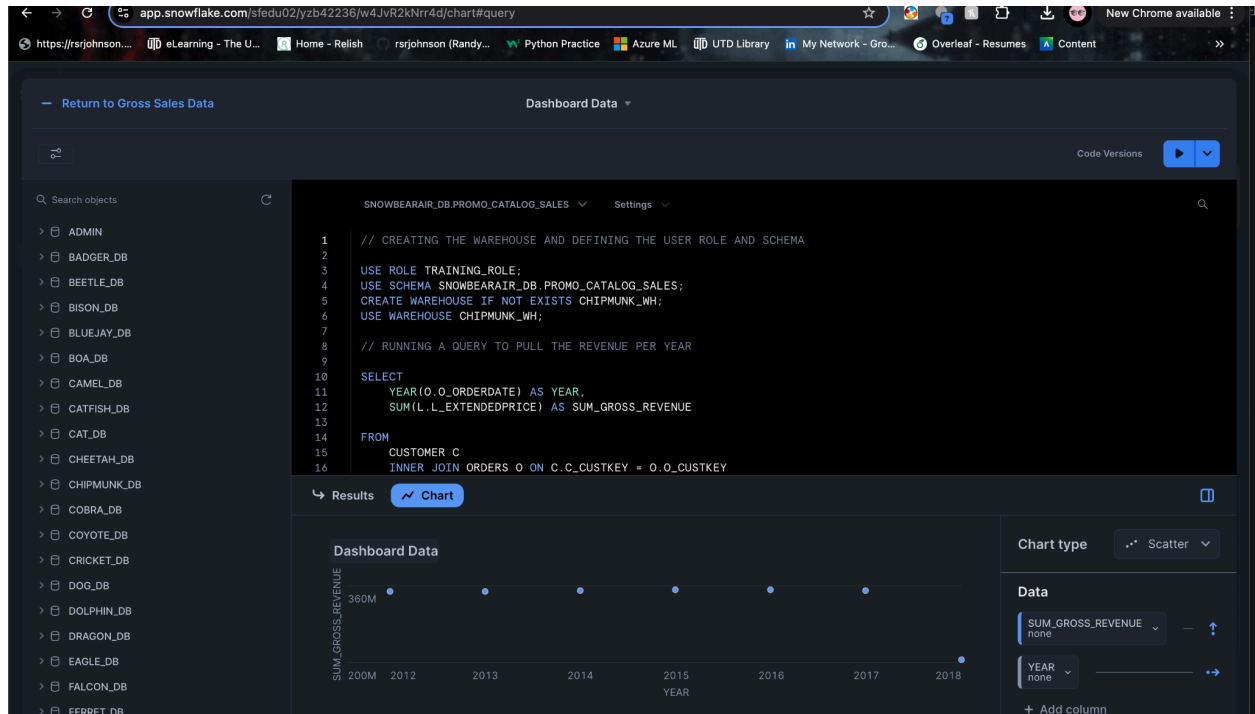
BARS BETWEEN THE REVENUE YEARS RECORDED:



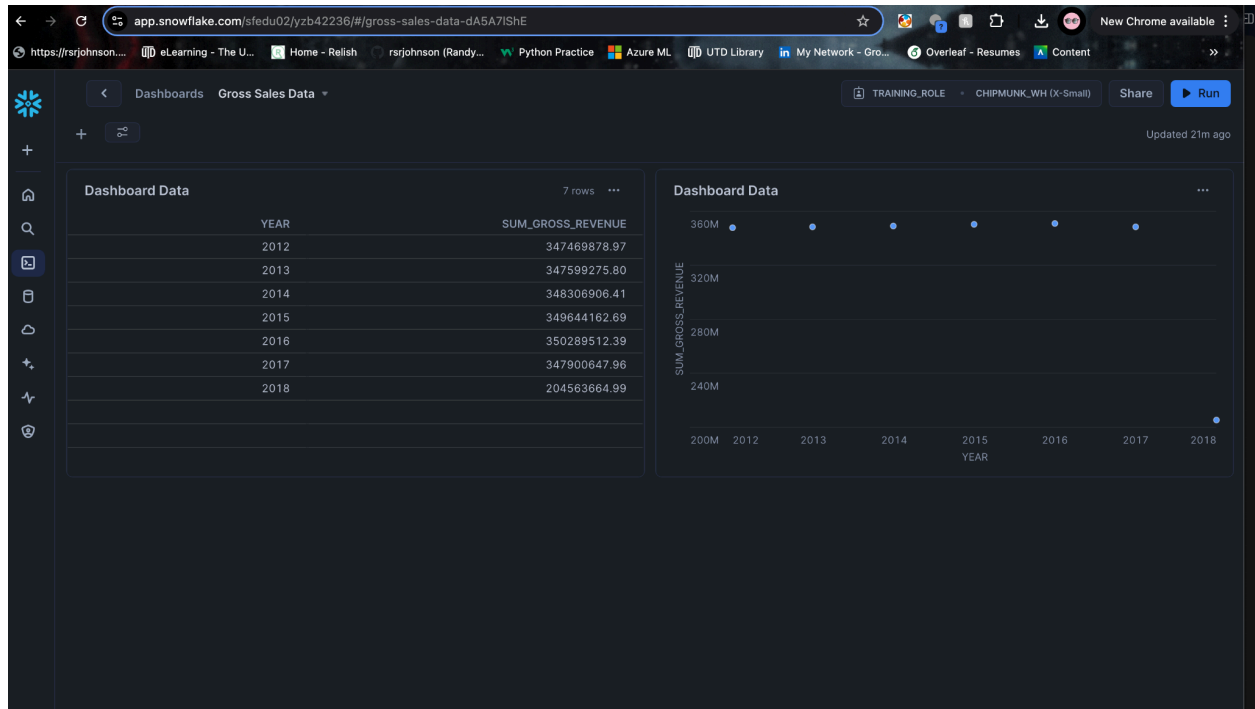
INITIAL DASHBOARD CREATION:



PLOTTING THE CHART FOR THE TILE:



DASHBOARD WITH BOTH TILES:



FINAL REPOSITIONED DASHBOARD:

