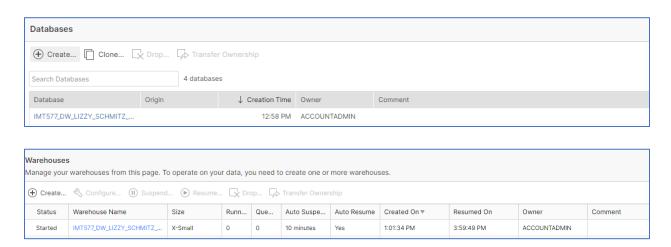
IMT577 Summer 2022 Assignment 5.12-Develop ELT and Staging in Snowflake

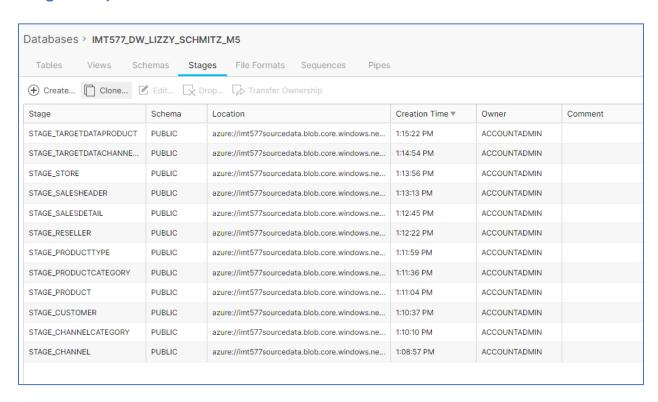
Steps I took to complete assignment:

Lizzy Schmitz

1.Created Database and Virtual Data Warehouse in Snowflake



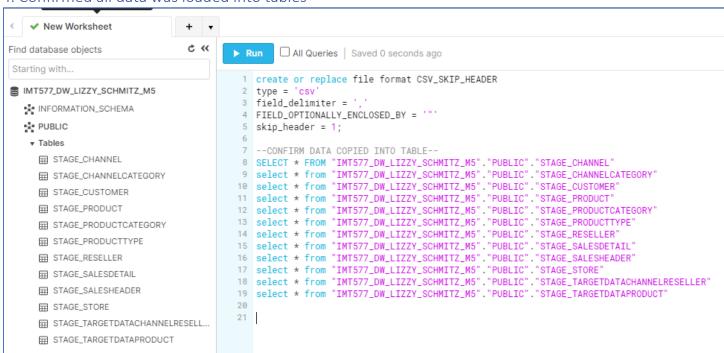
2.Created Stages within datawarehouse (match one for one on data extracts listed in assignment)



3. Created tables and loaded the CSV files into (matching table to corresponding CSV)

Tables Views Schemas Stages File Formats Sequences Pipes						
+ Create + Create Like	Clone	Load Data	Drop Transfer	r Ownership		
Table Name	Schema	Creation Time ▼	Owner	Rows	Size	Comment
STAGE_RESELLER	PUBLIC	3:59:15 PM	ACCOUNTADMIN	4	5KB	
STAGE_TARGETDATAPRODUCT	PUBLIC	2:57:54 PM	ACCOUNTADMIN	48	2.5KB	
STAGE_TARGETDATACHANNE	PUBLIC	2:54:37 PM	ACCOUNTADMIN	22	2KB	
STAGE_STORE	PUBLIC	2:45:09 PM	ACCOUNTADMIN	6	5KB	
STAGE_SALESHEADER	PUBLIC	2:41:36 PM	ACCOUNTADMIN	187.3K	397KB	
STAGE_SALESDETAIL	PUBLIC	2:37:03 PM	ACCOUNTADMIN	187.3K	822.5KB	
STAGE_PRODUCTTYPE	PUBLIC	2:29:09 PM	ACCOUNTADMIN	10	2.5KB	
STAGE_PRODUCTCATEGORY	PUBLIC	2:24:29 PM	ACCOUNTADMIN	4	2KB	
STAGE_PRODUCT	PUBLIC	2:22:28 PM	ACCOUNTADMIN	24	5.5KB	
STAGE_CUSTOMER	PUBLIC	2:14:32 PM	ACCOUNTADMIN	3	5.5KB	
STAGE_CHANNELCATEGORY	PUBLIC	2:09:08 PM	ACCOUNTADMIN	2	2KB	
STAGE_CHANNEL	PUBLIC	2:05:37 PM	ACCOUNTADMIN	5	2.5KB	

4. Confirmed all data was loaded into tables

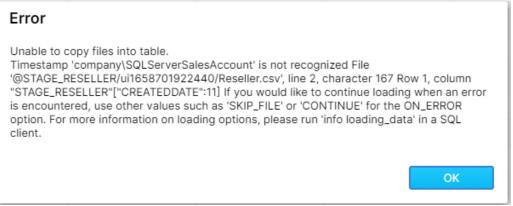


Shared database



Questions

- Name of your database share: IMT577_DW_LIZZYSCHMITZ_M5
- GitHub repo link: https://github.com/lizzyschmitz/lschmitz_IMT577
- What went well for you? All of the steps were easy to follow after watching the videos and the UI is very intuitive. I also liked that it provided the SQL code that would be generated based on my selections in the UI (very helpful as I am newer to SQL)
- What didn't go well?
 - Loading the CSVs (Asure URL loads were not working) was straightforward, but I did encounter an error when loading the reseller table. Other files have a similar column/data, but weren't producing errors, so I knew it was an issue with the table itself. I was able to troubleshoot and figure out the columns were in a slightly different order than the CSV file. Once I corrected that issue, the load worked.



- I had forgotten to uncheck the "Not Null" column on my first table and I was unable to figure out how to go back into that same UI to update the column characteristics. From what I was able to research, this might only be possible via the worksheet with SQL.
- Did you learn something significant to share with your peers?
 - o Taking your time and double checking before you hit any "Complete, Submit, Create" buttons is very important when first setting up your database. This will save you time in the long run.
- Do you have any tips or tricks to share with the class?
 - Copy/Paste is the best way to ensure that all column headers, table names, etc. match between your source files and the staging tables.

- For me it was easier to complete similar steps all at one time, focusing on one type of task at a time vs. jumping back and forth. For example, I created all stages I needed at the same time, then created all tables, then loaded all tables. This was slightly different than the process the video used.
 - When creating tables, I created all of the column names, then when down the list and assigned the Types (this also allowed me to copy/paste a type into columns with the same types- example VARCHAR(255)), which helped to save time and ensure accuracy.
- o If you ever need the entire name/path of a table, you can double click on it in the left list in worksheet view and it will populate in your worksheet.