**Snowflake Exercise - 2**

***Note: Sample csv and json data can be downloaded from*** [***here***](https://catalog.data.gov/dataset/electric-vehicle-population-data)

1. Create a table and load the json data attached.
2. Create a view on top of this table and parse the json in columnar structure
3. Login from one user and run a select query against a table, capturing the execution time. Log off and login with other users and try to run the same query and capture the execution time.
4. create a table and insert a few records. Drop the table once data is loaded. Once the table is dropped, try to bring the dropped table back (without manually creating it again).
5. create a table and insert a few records. Now, update a few records in that table. Once the records are updated, try to rollback the data into the previous state.
6. Get any "Demographics" Marketplace data (for example Demographics - Individual - SAMPLE) which is Free. Explore the table schema and data.
7. Create a table T1 . Create a dynamic table pointing to table T1. Refresh the data in the dynamic table every 1 minute without creating any task.
8. List files available in the user stage. Try to drop the user stage. What is the observation, please note
9. create a named stage. Query data in named stage. Try to load a csv data file into stage skipping the header. Infer the schema in named stage and display it
10. Try to load a csv data file into stage, skipping the header. Copy the data from named stage to snowflake table.
11. Try to run a select query against the table and check the execution time. Try to implement clustering keys and see if the execution time can be further improved. Note the stats with and without cluster key.
12. Execute an aggregate query on top of this table with group by and group by all clauses. Capture the stats using both group by to check how runtime and data is looking.
13. Create a notification integration with recipient list (at least 2) and trigger email using send email stored procedure.