

Snowflake Assignment-3

Assign privileges through a new custom role

In this assignment, students will create a new custom role and assign it appropriate privileges as well as set it up correctly in the role hierarchy. The custom role will need to be made the default role for a new user.

This assignment will assess your skills to create a new role, create a new user and assign it the correct privileges. Please note that although the assignment lists requirements in an order, its not necessary that you have to full fil the requirements in the same order.

Please save all the SQL statements that you have used in a single file.

1. Create a new user with the name "John Smith" and a login name of "**Jsmith**".
2. Create a new user with the name "Dave Newton" and a login name of "**Dnewton**". Dave will be our new system admin, so they should have SYSADMIN as a the default role.
3. Login as Dave Newton and create a database called "**Customer_Analytics**".
4. (you will need to do this step logged in as SECURITYADMIN role) Create a new custom role called "**Marketing Users**" and grant the role to "John Smith".
 1. Make "Marking Users" the **default** role for "John Smith".
 2. Make sure that the "Marketing Users" role is granted to the SYSADMIN role i.e. **complete the role hierarchy**.
5. Grant the role "Marketing Users" **ALL privileges** on the "Customer_Analytics" database.
6. Test your setup by logging in as "John Smith" and validating that you can **create a new table** under the Customer_Analytics database.

Questions for this assignment

Should "John Smith" be able to create a table under the "Customer_Analytics" database?

Why do you need to login as a SECURITYADMIN in order to create the new role?