## Users and Roles

As users and roles statements are run from different user areas of my db, I have created this set of files to demonstrate my understanding of them. A separate file is also submitted which runs in its entirety using the setup\_db.sql file.

In this folder, we have 6 files numbered in order or execution, and separated out depending on which user environment is being employed. Each is commented with further instructions as needed.

### Steps to be followed are:

1. run 1\_users\_and\_grants.sql in **sys** user area.
   1. create new connection dt, dt, dt for (connection name, Username & password)
2. run 2\_create\_tables.sql in **dt** user area *(needed to grant permissions on them later)*
3. run 3­\_users\_and\_grants.sql in **dt** user area
   1. create new connections mgr, mgr, mgr (connection name, Username & password)
   2. create new connections guest, guest, guest (connection name, Username & password)
4. run 4\_insert\_data.sql in **mgr** user area (to test permissions for this role and user)
5. run 5\_test\_view\_only\_user.sql in **guest** user area (to test permissions for this role and user)
6. run 6\_drop\_everything.sql in **dt** user area (to drop tables and sequences created for above tests)

For the rest of the project I start over with new content with all statements run from ‘dt’ admin area.

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