**Data Migration Testing Hands-on**

Business Case: Data of the application was migrated from MySQL server installed in an EC2 machine to an RDS instance. Need to test the migrated data to ensure all data is correctly migrated.

**Main Tasks**

1. Premigration Functional Testing
2. Premigration Data Testing
3. Postmigration Data Testing
4. Postmigration Functional Testing
5. **Premigration Functional Testing**
   1. Log in to <http://3.27.149.155/IMS> with credentials admin/admin.
   2. Test the inventory management app.
6. **Premigration Data Testing** 
   1. Open MySQL Workbench.
   2. Add source connection with the following credentials.
      1. Hostname – 3.27.149.155
      2. Username – ubuntu
      3. Password – Ubuntu@123
      4. Database – shop\_inventory

Graphical user interface, text, application

Description automatically generated



* 1. Check the data.

1. **Postmigration Data Testing**
   1. Add target connection in MySQL Workbench with the following credentials.
      1. Hostname – testdb.c964gqgwctqd.ap-southeast-1.rds.amazonaws.com
      2. Username – admin
      3. Password – admin123
      4. Database - shop\_inventory\_migrated
   2. Check the data.
2. **Postmigration Functional Testing** 
   1. Log in to <http://3.27.149.155/IMS_migrated/> with credentials admin/admin.
   2. Test the inventory management app.