

Remote SQL Practical Test

Evaluation

Schema will be evaluated for appropriate indexes given the queries you have written.

Your SQL will be **evaluated for accuracy and re-usability** (can we easily re-run your code if we need to load newer data and analyse different time periods).

You may use internet resources to complete the test.

The time given is 120 minutes.

It does not matter if all the tasks are not 100% complete.

Deliverables

In order to evaluate your test results, we will need you to send back to us a SQL script which will create and populate all the tables and objects in the database.

Task 1: Data Loading

Using the schema in Schema.sql, load the data from Data.zip into the correct tables

Task 2: Optimisation

Apply normalisation principles to at least one table

Task 3: Analysis

Task 3.1 Report on

- Total sales for 2013 for each Country

Task 3.2 Report on

- The single top selling product for each supplier for each year

Task 3.3 Segmentation

- Create a table with columns for CustomerId and Average Weekly Spend Quartile