# Case Study Task: Part 5 – Testing

## Instructions

You’ll perform some tests to check the four different levels of data testing.

**Entity Level:**

* Review the reporting requirements that were listed as part of the initial data warehouse project brief. Can your design support the requirements?

**Record Level:**

* Run some SQL queries to get the counts for each of your populated tables.
* Look back at the original source data (either in Excel or the imported version in SQL server) and analyse what each entity count should be.
* Do your counts align? If not, consider what needs to be fixed.

**Column Level:**

* Check your table structures against the original source data. Have you accounted for all the data items?

**Column Value Level:**

* Run some SQL queries to get frequency counts of your columns. As a minimum, pick one column per table and do a frequency count of that column.
* Do the same in your Excel source data – do the values match?