

# TD1: Introduction to Reporting (IBMCognos)

| 2011           | Canada        | Star Dome        | Quantity |
|----------------|---------------|------------------|----------|
| <u>Q1 2011</u> | <u>Canada</u> | <u>Star Dome</u> | 621      |
| <u>Q2 2011</u> | <u>Canada</u> | <u>Star Dome</u> | 631      |
| <u>Q3 2011</u> | <u>Canada</u> | <u>Star Dome</u> | 588      |
| <u>Q4 2011</u> | <u>Canada</u> | <u>Star Dome</u> | 865      |

The main tasks for this exercise are as follows:

Task 1: Explore a DMR in Report Studio

- Package: Samples/Models/GO Data Warehouse (analysis).
- Expand the Sales and Marketing (analysis)→Sales

Task 2: add items to the list report object

- Time dimension → Time hierarchy → Year level → Members → 2011
- Retailers dimension → Retailers hierarchy → Region level → Members → Americas → Canada
- Products dimension → Products hierarchy → Product line level → Members → Camping Equipment → Tents → Star Dome
- Sales Fact → Quantity measure

Task 3: allow drill-up and drill-down on the report.

- From the Data menu → Drill Behavior select Allow drill-up and drill-down check box

## Results:

You have explored a dimensionally-modeled relational data source in Report Studio. You created a report that demonstrated how you can drill down to a lower level of detail in the data source.

## Exercise 3: Create a Revenue Report

Create a report showing revenue from each product within each product type for each product line. The report must list the revenue from the greatest to the least. The report should be as follows:

| Product line         | Product type | Product                      | Revenue        |
|----------------------|--------------|------------------------------|----------------|
| Camping Equipment    | Tents        | Star Lite                    | 133,151,550.40 |
| Personal Accessories | Eye wear     | Zona                         | 107,195,304.95 |
| Camping Equipment    | Tents        | Star Gabe 2                  | 147,723,123.33 |
| Golf Equipment       | Woods        | Ballroom Trankin Arcade Set  | 117,548,655.50 |
| Personal Accessories | Watches      | TG                           | 112,872,735.7  |
| Personal Accessories | Eye wear     | Intaros                      | 104,705,055.74 |
| Camping Equipment    | Backs        | Canyon Pure Journey Backpack | 99,213,102.92  |