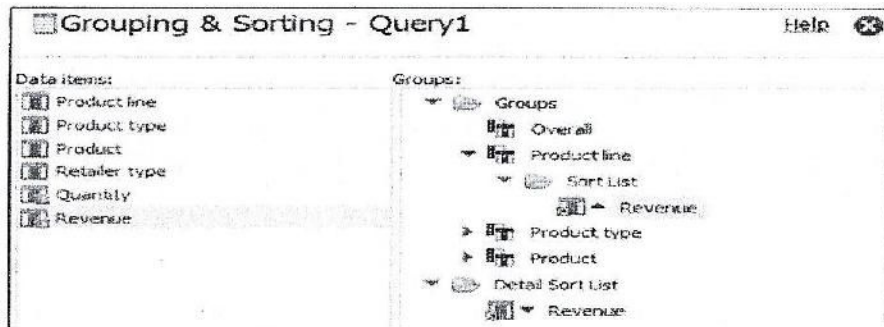



TD2: Create List Report (IBMCognos)



Task 7: Run Report 

Results:

You have created a list report that grouped Product line, Product type, and Product name. You highlighted retailer type; and you have sorted revenue in descending order according to the quantity sold.

Exercise 2: Explore Data Aggregation

Purpose:

You have been asked by management to create a report that compares how different order methods are performing for each product line. This report should display the revenue that individual order methods generate for each product line and the average revenue all order methods generate for each product line. You will create this report and examine the underlying query model at various stages.

The main tasks for this exercise are as follows:

Task 1: create a basic report and examine the query model.

- use Products, Order method and Sales fact table.

Task 2: View individual records rather than data grouped and summarized at the lowest level of detail.

- Set the Auto Group & Summarize property to No.

Task 3: Group query items, add aggregate data and observe the results in the query.

- Use Average function of Summarize value of Revenue

| Product line | Order method type | Revenue |
|-------------------|-------------------|-------------------------|
| Camping Equipment | E-mail | 75,209,094.83 |
| | Fax | 22,254,398.48 |
| | Mail | 51,348,644.89 |
| | Sales visit | 158,811,581.97 |
| | Special | 12,388,989.44 |
| | Telephone | 153,884,282.13 |
| | Web | 1,193,838,883.94 |
| Summary | | 2,118,528,175.78 |
| Golf Equipment | E-mail | 47,933,933.16 |
| | Fax | 16,241,302.27 |
| | Mail | 12,690,287.48 |

Results:

You created a list report displaying revenue generated by each order method for each product line and the average revenue all order methods generate for each product line. You also specified that the query should display individual data records instead of grouped and summarized data, and you then compared the results.

Exercise 3: Create Multi-Fact Query in a List

| Year | Revenue | Sales target |
|------|------------------|---------------|
| 2010 | 914,352,803.72 | 812,585,300 |
| 2011 | 1,159,195,590.16 | 1,036,923,300 |
| 2012 | 1,495,891,100.9 | 1,332,553,100 |
| 2013 | 1,117,338,274.07 | 1,023,006,840 |

TD2: Create List Report (IBMCognos)

Purpose:

You have been asked to create a report showing sales revenue and target revenue for each year. You will need to use conformed query items in the report to ensure the results are accurate and consistent with expected results.

Table: Sales target (query) → Sales target fact

Table: Sales target (query) → Sales target fact

Use shared (conformed) dimensions to create multi-fact queries

now depends on year

| Year (close date) | Revenue | Sales target |
|-------------------|------------------|---------------|
| 2010 | 907,292,137.51 | 4,205,368,540 |
| 2011 | 1,144,204,628.01 | 4,205,368,540 |
| 2012 | 1,497,596,605.86 | 4,205,368,540 |
| 2013 | 1,137,682,397.47 | 4,205,368,540 |

| Year | Revenue | Sales target |
|------|------------------|---------------|
| 2010 | 914,352,803.72 | 812,885,300 |
| 2011 | 1,159,195,590.16 | 1,036,923,300 |
| 2012 | 1,495,891,100.9 | 1,332,553,100 |
| 2013 | 1,117,336,274.07 | 1,023,006,840 |

Diagram annotations: 'related' arrows connect 'Year' to 'Revenue' in both tables. 'unrelated' arrows connect 'Year' to 'Sales target' in the first table and 'Year' to 'Sales target' in the second table.

items:

- Sales (query) → Sales fact → Revenue
- Sales (query) → Time (close date) → Year (close date)
- Sales target (query) → Sales target fact → Sales target
- Sales target (query) → Time → Year

Results:

You created a report showing sales revenue and target revenue for each year. You used a conformed dimension in the report to ensure the results were accurate and consistent with expected results.

Exercise 3: Create a Mailing List Report

| | | |
|--|--|--|
| Australia 2315 Queen's Ave Level 2 Melbourne VIC 2088 Australia | Austria Jedlesee Straße 7 Wien A-1210 Austria | Belgium Interleuvenlaan 2 Heverlee B-3001 Belgium |
| Brazil Avenida Paulista, 333 CJ 231 2o. Andar São Paulo SP 01403-090 Brazil | Canada 7800, 750 - 6th Avenue, S.W. Calgary Alberta T2P 3Z0 Canada | Canada 769 Yonge Street Toronto Ontario M2M 4K8 Canada |

Purpose:

You will create a mailing list for all of your sales offices. The addresses must be listed alphabetically by county with the country name appearing at the top. For easy readability, each page must contain no more than three addresses across and four down.

TD2: Create List Report (IBMCognos)

Task 1: Create a repeater table

Task 2: Add table to repeater table

- table with 3 Columns and 4 Rows

Task 3: Add items to the table

- Country, Address 1, Address 2, City, Province or State, Postal zone from Employee by region data source query.

Task 4: List countries in alphabetical Ascending order and apply a style to the headers.

| | | |
|---|--|--|
| <Country>> <Address 1> <Address 2> <City> <Province or State> <Country1> | <Country> <Address 1> <Address 2> <City> <Province or State> <Country1> | <Country> <Address 1> <Address 2> <City> <Province or State> <Country1> |
| <Country> <Address 1> <Address 2> <City> <Province or State> <Country1> | <Country> <Address 1> <Address 2> <City> <Province or State> <Country1> | <Country> <Address 1> <Address 2> <City> <Province or State> <Country1> |
| <Country> <Address 1> <Address 2> | <Country> <Address 1> <Address 2> | <Country> <Address 1> <Address 2> |

Exercise 4: Create and Format a List Report

You have been asked to create a list report where users can review the gross profit generated by retailer type for each region. The report should be as follows:

| Gross Profit by Retailer Type and Region | | |
|---|-----------------|-----------------------|
| Retailer type | Region | Gross profit |
| Department Store | Americas | 111,543,822.41 |
| | Asia Pacific | 98,425,260.8 |
| | Central Europe | 77,587,318.45 |
| | Northern Europe | 39,559,098.97 |
| | Southern Europe | 36,177,713.46 |
| Department Store - Total | | 363,293,713.10 |
| Direct Marketing | Asia Pacific | 10,763,419 |
| | Central Europe | 7,054,511 |
| | Americas | 6,419,647.17 |
| | Northern Europe | 3,932,561.37 |
| | Southern Europe | 2,270,788.95 |
| Direct Marketing - Total | | 30,440,927.49 |

- Items: Retailer type → Retailer type, Retailer → Region and Sales fact → Gross profit
- Sort Gross profit as descending
- Aggregate Gross profit by Total