

SQL Queries:

Each of the following will have two SQL queries:

- a. AdventureWorks2017
- b. AdventureWorksDW2017

Requirement: All monetary numbers need to be in USD \$.

1. What are the sales, product costs, profit, number of orders & quantity ordered for internet sales by product category and ranked by sales?
2. What are the sales, product costs, profit, number of orders & quantity ordered for reseller sales by product category and ranked by sales?
3. What are the sales, product costs, profit, number of orders & quantity ordered for both internet & reseller sales by product category and ranked by sales?
4. What are the sales, product costs, profit, number of orders & quantity ordered for product category Accessories broken-down by Product Hierarchy (Category, Subcategory, Model & Product) for both internet & reseller sales?
5. What are the sales, product costs, profit, number of orders & quantity ordered for both internet & reseller sales by country and ranked by sales?
6. What are the sales, product costs, profit, number of orders & quantity ordered for France by city and ranked by sales for both internet & reseller sales?
7. What are the top ten resellers by reseller hierarchy (business type, reseller name) ranked by sales?
8. What are the top ten (internet) customers ranked by sales?
9. What are the sales, product costs, profit, number of orders & quantity ordered by Customer Occupation?
10. What are the ranked sales of the sales people (employees)?
11. What are the sales, discount amounts (promotion discounts), profit and promotion % of sales for Reseller Sales by Promotion Hierarchy (Category, Type & Name) – sorted descending by sales.?
12. What are the sales, product costs, profit, number of orders & quantity ordered by Sales Territory Hierarchy (Group, Country, region) and ranked by sales for both internet & reseller sales?
13. What are the sales by year by sales channels (internet, reseller & total)?
14. What are the total sales by month (& year)?
15. Please explain (briefly) the differences between SQL queries used to answer the same questions between AdventureWorksDW2017 & AdventureWorks2017

Deliverables:

- Submit a Word doc or text file with each query
 - List query
 - List totals for measures, such as sales, and total rows
- Submit an Excel document with the results of each query placed in its own worksheet