

Solve the following queries with Analytics SQL:

- 1) For every customer state and product category compute the profit and the ratio between that profit and the total profit in the country
- 2) For every customer city, year and month produce a report having: the monthly total sales for each city, the monthly total sales and the yearly total sales.
- 3) For every customer gender and customer country, the store with the highest percentage of sales over the total sales of all customers in that country. Result must be ordered by percentage descending.
- 4) Produce a report with information about
 - a. the profit of each product category, store country and year
 - b. the profit of each product category
 - c. the profit of each country
 - d. the profit of each year
 - e. the profit of each product category, store country
 - f. the profit of each product category, year
 - g. the profit of each store country and year
- 5) For each product category and store country return the ranking of the customers with respect to the store sales.