

Sakila III – Assignment

- How many customers are there for each country? Have your result display the full country name and the number of customers for each country.

| country | total_number_of_customer |
|----------------|--------------------------|
| Afghanistan | 1 |
| Algeria | 3 |
| American Samoa | 1 |
| Angola | 2 |
| Anguilla | 1 |
| Argentina | 13 |
| Armenia | 1 |
| Austria | 3 |
| Azerbaijan | 2 |

108 row(s) returned

- How many customers are there for each city? Have your result display the full city name, the full country name, as well as the number of customers for each city.

| country | city | total_customer |
|------------|--------------|----------------|
| Argentina | Santa F | 1 |
| Argentina | Tandil | 1 |
| Argentina | Vicente Lpez | 1 |
| Armenia | Yerevan | 1 |
| Australia | Woodridge | 2 |
| Austria | Graz | 1 |
| Austria | Linz | 1 |
| Austria | Salzburg | 1 |
| Azerbaijan | Baku | 1 |

599 row(s) returned

Now, look at the payment table where it has information about the customer as well as how much the customer paid to rent the item. Based on this,

- Retrieve both the average rental amount, the total rental amount, as well as the total number of transactions for each month of each year.

| month_and_year | total_rental_amount | total_transactions | average_rental_amount |
|----------------|---------------------|--------------------|-----------------------|
| May-2005 | 4824.43 | 1157 | 4.169775 |
| June-2005 | 9631.88 | 2312 | 4.166038 |
| July-2005 | 28373.89 | 6711 | 4.227968 |
| August-2005 | 24072.13 | 5687 | 4.232835 |
| February-2006 | 514.18 | 182 | 2.825165 |

5 row(s) returned

- Your manager comes and asks you to pull payment report based on the hour of the day. The managers wants to know which hour the company earns the most money/payment. Have your sql query generate the top 10 hours of the day with the most sales. Have the first row of your result be the hour with the most payments received.

| hour_of_the_day | total_payments_received |
|-----------------|-------------------------|
| 03 PM | 3515.13 |
| 06 PM | 2969.12 |
| 09 PM | 2939.29 |
| 04 AM | 2903.19 |
| 11 PM | 2871.58 |
| 08 AM | 2871.04 |
| 10 AM | 2861.27 |
| 12 AM | 2851.06 |
| 07 PM | 2843.24 |

10 row(s) returned