

Sakila III – Assignment

1. 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

2. 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,

1. 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

2. 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