

Lab SQL Queries 2.05 outputs

USE sakila;

-- 1. Select all the actors with the first name 'Scarlett'.

	actor_id	first_name	last_name	last_update
▶	81	SCARLETT	DAMON	2006-02-15 04:34:33
	124	SCARLETT	BENING	2006-02-15 04:34:33
•	NULL	NULL	NULL	NULL

-- 2. How many films (movies) are available for rent and how many films have been rented?
1000 films for rent

16,044 films have been rented

-- 3. What are the shortest and longest movie duration? Name the values `max_duration` and `min_duration`.

Max: 185

Min: 46

-- 4. What's the average movie duration expressed in format (hours, minutes)?

SELECT FLOOR(AVG(length)/60) AS hours,

1 hour 55 minutes

-- 5. How many distinct (different) actors' last names are there?

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-- 6. Since how many days has the company been operating (check DATEDIFF() function)?

6,455 days

-- 7. Show rental info with additional columns month and weekday. Get 20 results.

	rental_id	rental_date	inventory_id	customer_id	return_date	staff_id	last_update	month	weekday
▶	1	2005-05-24 22:53:30	367	130	2005-05-26 22:04:30	1	2006-02-15 21:30:53	May	Tuesday
	2	2005-05-24 22:54:33	1525	459	2005-05-28 19:40:33	1	2006-02-15 21:30:53	May	Tuesday
	3	2005-05-24 23:03:39	1711	408	2005-06-01 22:12:39	1	2006-02-15 21:30:53	May	Tuesday
	4	2005-05-24 23:04:41	2452	333	2005-06-03 01:43:41	2	2006-02-15 21:30:53	May	Tuesday
	5	2005-05-24 23:05:21	2079	222	2005-06-02 04:33:21	1	2006-02-15 21:30:53	May	Tuesday
	6	2005-05-24 23:08:07	2792	549	2005-05-27 01:32:07	1	2006-02-15 21:30:53	May	Tuesday
	7	2005-05-24 23:11:53	3995	269	2005-05-29 20:34:53	2	2006-02-15 21:30:53	May	Tuesday
	8	2005-05-24 23:31:46	2346	239	2005-05-27 23:33:46	2	2006-02-15 21:30:53	May	Tuesday
	9	2005-05-25 00:00:40	2580	126	2005-05-28 00:22:40	1	2006-02-15 21:30:53	May	Wednesday
	10	2005-05-25 00:02:21	1824	399	2005-05-31 22:44:21	2	2006-02-15 21:30:53	May	Wednesday
	11	2005-05-25 00:09:02	4443	142	2005-06-02 20:56:02	2	2006-02-15 21:30:53	May	Wednesday

-- 8. Add an additional column day_type with values 'weekend' and 'workday' depending on the rental day of the week.

	rental_id	rental_date	inventory_id	customer_id	return_date	staff_id	last_update	day_type
►	1	2005-05-24 22:53:30	367	130	2005-05-26 22:04:30	1	2006-02-15 21:30:53	workday
	2	2005-05-24 22:54:33	1525	459	2005-05-28 19:40:33	1	2006-02-15 21:30:53	workday
	3	2005-05-24 23:03:39	1711	408	2005-06-01 22:12:39	1	2006-02-15 21:30:53	workday
	4	2005-05-24 23:04:41	2452	333	2005-06-03 01:43:41	2	2006-02-15 21:30:53	workday
	5	2005-05-24 23:05:21	2079	222	2005-06-02 04:33:21	1	2006-02-15 21:30:53	workday
	6	2005-05-24 23:08:07	2792	549	2005-05-27 01:32:07	1	2006-02-15 21:30:53	workday
	7	2005-05-24 23:11:53	3995	269	2005-05-29 20:34:53	2	2006-02-15 21:30:53	workday
	8	2005-05-24 23:31:46	2346	239	2005-05-27 23:33:46	2	2006-02-15 21:30:53	workday
	9	2005-05-25 00:00:40	2580	126	2005-05-28 00:22:40	1	2006-02-15 21:30:53	workday
	10	2005-05-25 00:02:21	1824	399	2005-05-31 22:44:21	2	2006-02-15 21:30:53	workday
	11	2005-05-25 00:09:02	4443	142	2005-06-02 20:56:02	2	2006-02-15 21:30:53	workday

-- 9. How many rentals were in the last month of activity?

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