

WEEK 1 CHALLENGE QUESTIONS

In this challenge, you'll practice applying what you've learned so far to retrieve and extract information from the database.

Instructions: Try to answer these questions first and then compare your answers with the provided solutions. You may also submit your answers to avacas@datascienceupskill.com to get personal feedback from me. Send me a [chat message at slack](#) if you have questions. Good luck!

1. Provide a list of films (their titles, film IDs and ratings) that are NOT rated NC-17.

Hint: Refer to film table.

2. Get the addresses and postal codes of customers who live in Michigan district.

Hint: Refer to address table.

3. Your manager asks for the list of payment transactions between 2007-02-18 00:00:00 and 2007-02-20 00:00:00. Retrieve the payment ID, customer ID, amount and payment dates.

Hint: Refer to payment table. Note that the payment date is a string attribute.

4. Retrieve **all** available information for customers whose last names are either Williams, Taylor or Andrews.

Hint: Refer to customer table.

5. The manager asks for the rental ID and customer ID of transactions that have **rental date** starting May 26, 2005 and **return date** before May 29, 2005.

Hint: Refer to rental table. Dates are string attributes (match the format in the table).