Answers 3.4

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STEP 1

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The two are very similar besides the columns being less. We could LIMIT rows depending on information being pulled. We could also order the data to pull information we need.

STEP 2

SELECT title, release\_year, rental\_rate

FROM film ORDER BY title, release\_year DESC, rental\_rate DESC

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STEP 3

SELECT rating, AVG(rental\_rate) AS average\_rental\_rate

FROM film GROUP BY rating

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SELECT rating, MIN(rental\_duration) AS min\_rental\_duration, MAX(rental\_duration) AS max\_rental\_duration FROM film GROUP BY rating

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STEP 4

Data Engineer’s migrate data from external sources. They extract data from multiple data sources. Transform it into a usable form. Like changes needed when changing information from excel to word some cells may not replicate correctly. After it is made into a usable form they transfer it to a new database for analyst.

Data may be incomplete and inconsistent data becoming difficult for analyzation. You could have a one sided analysis due to not having multiple sources or the data may not have been correctly transformed so it is unreadable.