

1. In one or two sentences, explain the main difference between **AWS Glue** and **Amazon EMR**.
2. What problem does **Amazon Athena** solve in a data lake?
3. What are **Master**, **Core**, and **Task** nodes in an EMR cluster?

## Coding:

You have an Athena table **events** partitioned by ingest\_date.

### Task:

Write a SQL query to count total records per ingest\_date for the last **7 days**. Hint  
: date\_format(date\_add('day', -6, current\_date), '%Y%m%d')

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## Follow-up Question

Your Athena query is expensive.

Name **one** thing you learned today that can reduce Athena cost, and explain why.