

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')`

Follow-up Question

Your Athena query is expensive.

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