DATA DUNGEON

Number of rounds: 1

Overview

Participants will embark on a thrilling journey through a map featuring multiple routes. At each step, participants must solve one of the provided database-related queries to progress along their chosen route. The goal is to reach the final treasure spot by overcoming challenges at every stage.

Map Structure

The map will consist of 3-4 distinct routes, each with its unique path to the final spot.
Each route is divided into a series of steps, with every step presenting 3-4 unique queries (a, b, c etc).

At each step:

1. Query a leads to the next point Route 1.
2. Query b leads to the next point in Route 2.
3. Query c leads to the next point Route 3 or an alternative route if applicable.

   Participants must choose and solve one query from the provided options to advance.Once a query is solved, participants cannot switch to another route unless permitted by specific checkpoints.

Query Types

Queries will test participants' knowledge of:

1. SQL basics (basic queries,subqueries,joins,left right joints etc.).
2. Practical problem-solving in data handling and analytics.
3. Participants will be allowed to use any of the following SQL dialect
    a. MySQL
    b. PostgreSQL
    c. Oracle

Example Step Walkthrough

Queries Provided

- Query a: Retrieve the top 5 employees per department by salary.
- Query b: Write a query to find the total sales per region.
- Query c: Identify all customers who have not placed an order in the last 30 days.

Scenario:

- Solving Query a leads to Route 1's next point
- Solving Query b leads to Route 2's next point.
- Solving Query c leads to Route 3's next point.