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File: EC\_IT143\_W5.2\_Community2\_ab.sql

Student: Ahadzie Bismark

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Course: EC IT143

Assignment: 5.2 Final Project: My Communities Analysis—Create Answers

Description: This script contains four questions and corresponding SQL query answers

related to the Community2 dataset. One question is from a classmate.

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-- Question 1 (Author: Ahadzie Bismark)

-- How many events were held in each district?

SELECT DistrictName, COUNT(EventID) AS TotalEvents

FROM CommunityEvents

GROUP BY DistrictName;

-- Question 2 (Author: Ahadzie Bismark)

-- What is the average budget for events in each category?

SELECT EventCategory, AVG(Budget) AS AvgBudget

FROM CommunityEvents

GROUP BY EventCategory;

-- Question 3 (Author: [Classmate Name: Sarah Koomson])

-- Which event had the highest number of attendees?

SELECT TOP 1 EventName, AttendeeCount

FROM CommunityEvents

ORDER BY AttendeeCount DESC;

-- Question 4 (Author: Ahadzie Bismark)

-- List all districts that hosted more than 5 events with over 100 attendees.

SELECT DistrictName, COUNT(EventID) AS BigEvents

FROM CommunityEvents

WHERE AttendeeCount > 100

GROUP BY DistrictName

HAVING COUNT(EventID) > 5;