# 🕵️ Solve the DBZ Mystery – SQL Mini Challenges

The Dragon Balls have been tampered with at the Lookout! A mysterious energy signature was detected near the Launch Pad (Location 4) at 18:25.   
Your task is to investigate the logs and find out who might be responsible.  
  
Use the following tables:  
- DBZ\_Observations  
- DBZ\_Citizens  
- DBZ\_Evidence  
- DBZ\_Locations  
  
Each challenge builds your SQL skills step-by-step and brings you closer to solving the case!

## Step 1: Who was where?

🎯 Goal: Get familiar with the observations table and citizen details.

🧠 SQL Query:

SELECT   
 o.ObservationID,  
 c.Name,  
 c.Role,  
 o.TimeOfDay,  
 o.Description  
FROM DBZ\_Observations o  
JOIN DBZ\_Citizens c ON o.CitizenID = c.CitizenID;

## Step 2: Who was near the Dragon Balls?

🎯 Goal: Work with specific locations.

🧠 SQL Query:

SELECT   
 c.Name,  
 l.Name AS Location,  
 o.TimeOfDay,  
 o.Description  
FROM DBZ\_Observations o  
JOIN DBZ\_Citizens c ON o.CitizenID = c.CitizenID  
JOIN DBZ\_Locations l ON o.LocationID = l.LocationID  
WHERE l.Name = 'Artifact Room';

## Step 3: When were the Dragon Balls last seen?

🎯 Goal: Work with time filtering.

🧠 SQL Query:

SELECT   
 c.Name,  
 o.TimeOfDay,  
 o.Description  
FROM DBZ\_Observations o  
JOIN DBZ\_Citizens c ON o.CitizenID = c.CitizenID  
WHERE o.LocationID = 5  
 AND o.TimeOfDay >= '18:15:00' AND o.TimeOfDay <= '18:45:00';

## Step 4: Who was acting suspicious?

🎯 Goal: Search for keywords in text.

🧠 SQL Query:

SELECT   
 c.Name,  
 l.Name AS Location,  
 o.TimeOfDay,  
 o.Description  
FROM DBZ\_Observations o  
JOIN DBZ\_Citizens c ON o.CitizenID = c.CitizenID  
JOIN DBZ\_Locations l ON o.LocationID = l.LocationID  
WHERE o.Description LIKE '%suspicious%';

## Step 5: Cross-check with evidence

🎯 Goal: Combine observation data with the evidence table.

🧠 SQL Query:

SELECT   
 e.Description AS Evidence,  
 c.Name AS Suspect,  
 l.Name AS Location  
FROM DBZ\_Evidence e  
JOIN DBZ\_Observations o ON e.LocationID = o.LocationID  
JOIN DBZ\_Citizens c ON o.CitizenID = c.CitizenID  
JOIN DBZ\_Locations l ON e.LocationID = l.LocationID;

## Step 6: Filter only real suspects

🎯 Goal: Combine suspicious behavior + matching evidence.

🧠 SQL Query:

SELECT   
 c.Name,  
 c.PowerLevel,  
 l.Name AS Location,  
 o.TimeOfDay,  
 o.Description,  
 e.Description AS Evidence  
FROM DBZ\_Observations o  
JOIN DBZ\_Citizens c ON o.CitizenID = c.CitizenID  
JOIN DBZ\_Locations l ON o.LocationID = l.LocationID  
JOIN DBZ\_Evidence e ON e.LocationID = o.LocationID  
WHERE o.Description LIKE '%suspicious%'  
 AND e.Description LIKE '%Frieza%';

## Final Boss Challenge: Who stole the Dragon Balls?

🎯 Goal: Use all tables to find the strongest suspicious person near the Dragon Balls.

🧠 SQL Query:

SELECT   
 c.Name,  
 c.Role,  
 c.PowerLevel,  
 l.Name AS Location,  
 FORMAT(o.TimeOfDay, 'HH:mm') AS TimeOfDay,  
 o.Description,  
 e.Description AS Evidence  
FROM DBZ\_Observations o  
JOIN DBZ\_Citizens c ON o.CitizenID = c.CitizenID  
JOIN DBZ\_Locations l ON o.LocationID = l.LocationID  
JOIN DBZ\_Evidence e ON e.LocationID = o.LocationID  
WHERE l.Name = 'Launch Pad'  
 AND o.TimeOfDay BETWEEN '18:20:00' AND '18:30:00'  
 AND o.Description LIKE '%suspicious%'  
 AND e.Description LIKE '%Frieza%';