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**Simple and Complex Queries**

**1.Retrieve all rows for a specific ActivityType**

SELECT \*

FROM filmingpermits

WHERE ActivityType = 'Filming - Low Impact'

LIMIT 10;

**2. Retrieve rows where the event took place at a specific venue**

SELECT \*

FROM filmingpermits

WHERE TypeAnchorVenue = 'Iconic Park'

LIMIT 10;

**3. Count the number of permits for each ActivityType**

SELECT ActivityType, COUNT(\*) AS PermitCount

FROM filmingpermits

GROUP BY ActivityType

ORDER BY PermitCount DESC;

**4. Find the maximum and average duration of filming permits grouped by ActivityType**

SELECT ActivityType,

MAX(DATEDIFF(day, InDate, OutDate) + 1) AS MaxDuration,

AVG(DATEDIFF(day, InDate, OutDate) + 1) AS AvgDuration

FROM filmingpermits

GROUP BY ActivityType

ORDER BY MaxDuration DESC;