

- Identify Security Staff Who Conducted the Most Checks

```

SELECT
  s.Employee_ID,
  e.First_Name,
  e.Last_Name,
  COUNT(sc.Passanger_ID) AS Total_Checks_Performed
FROM
  Security_check sc
JOIN
  Security s ON sc.Security_ID = s.Employee_ID
JOIN
  Employee e ON s.Employee_ID = e.Employee_ID
GROUP BY
  s.Employee_ID, e.First_Name, e.Last_Name
ORDER BY
  Total_Checks_Performed DESC;

```

- List Flights with Departure Delays (Past Scheduled Time)

```

SELECT
  f.Flight_ID,
  f.Flight_Name,
  t.Departure AS Scheduled_Departure,
  CURRENT_TIMESTAMP AS Current_Time,
  (CURRENT_TIMESTAMP - t.Departure) AS Delay_Duration
FROM
  Flight_Details f
JOIN
  Ticket_Details t ON f.Flight_ID = t.Flight_ID
WHERE
  t.Departure < CURRENT_TIMESTAMP
  AND t.Arrival > CURRENT_TIMESTAMP;

```

- total luggage per flight

```

SELECT t.Flight_ID, SUM(l.Total_weight_in_kg) AS Total_Luggage_Weight
FROM Luggage l
JOIN Ticket_Details t ON l.Passanger_ID = t.Ticket_ID
GROUP BY t.Flight_ID;

```

