

```
USE BUDT703_Project_0507_03;
```

```
--How many employees are available to replace on a given day?
```

```
SELECT DISTINCT e.empId, e.empFirstName, a.vhId, d.dptDescription, e.empWeeklyHrs
FROM Employee e, Assign a, Department d
WHERE (SELECT UPPER(DATENAME(WEEKDAY, GETDATE())) NOT LIKE (CONCAT(a.assgDay, '%'))
AND
        (a.shiftEnd IS NOT NULL) AND
        (e.empWeeklyHrs < 20) AND
        (a.empId=e.empId) AND
        (e.dptId=d.dptId)
ORDER BY e.empWeeklyHrs;
```

```
--What is the count of NiteRide booking requests in each location?
```

```
SELECT l.locName , COUNT(n.picLocId) AS 'PickUp Count'
FROM [Location] l LEFT JOIN NiteRide n
        ON l.locId = n.picLocId
GROUP BY n.picLocId, l.locName
ORDER BY COUNT(n.picLocId) DESC
```

```
--What is the count of Vehicles in each Route?
```

```
SELECT a.rotNo, COUNT(a.vhId) AS 'Vehicle Count'
FROM Assign a
GROUP BY a.rotNo
```

```
--How many Event bookings were taken this year, monthly?
```

```
SELECT COUNT(e.eveId) AS 'Number of Events', MONTH(e.eveDate) AS 'Month'
FROM [Event] e
WHERE eveDate >= '01-01-2022'
AND eveDate <= '12-31-2022'
GROUP BY MONTH(e.eveDate);
```

```
--How many students are employed by each department?
```

```
SELECT e.dptId AS 'Department ID', d.dptDescription AS 'Department Name',
COUNT(e.empId) AS 'Student Count'
FROM Employee e, Department d
WHERE e.dptId=d.dptId AND e.empStuUID IS NOT NULL
GROUP BY e.dptId, d.dptDescription;
```

```
--What is the count of NiteRide drop off booking requests in each location?
```

```
SELECT l.locName , COUNT(n.dropLocId) AS 'Drop Location Count'
FROM [Location] l LEFT JOIN NiteRide n
        ON l.locId = n.dropLocId
GROUP BY n.dropLocId, l.locName
ORDER BY COUNT(n.dropLocId) DESC
```