

```
SELECT e.First_Name, e.Last_Name, j.Job_Title
FROM Employees e
INNER JOIN Jobs j ON e.Job_ID = j.Job_ID
INNER JOIN Department d ON e.Department_ID = d.Department_ID
WHERE d.Department_Name = 'IT'
AND e.Salary > 70000
AND j.Job_Title = 'Software Engineer';
```

```
SELECT c.Country_Name, COUNT(*) AS Number_of_Employees, AVG(e.Salary)
FROM Countries c
LEFT JOIN Locations l ON c.Country_ID = l.Country_ID
LEFT JOIN Employees e ON l.Location_ID = e.Location_ID
WHERE c.Region_ID = 1
AND e.Salary > 60000
AND e.Job_ID = 3
GROUP BY c.Country_Name;
```

```
SELECT l.City, l.State, COUNT(*) AS Number_of_Employees
FROM Locations l
RIGHT JOIN Employees e ON l.Location_ID = e.Location_ID
RIGHT JOIN Department d ON e.Department_ID = d.Department_ID
WHERE d.Department_Name = 'Sales'
AND e.Salary > 50000
AND l.Country_ID = 1
GROUP BY l.City, l.State;
```

```
SELECT c.Country_Name, COUNT(*) AS Number_of_Employees, AVG(e.Salary)
FROM Countries c
FULL OUTER JOIN Locations l ON c.Country_ID = l.Country_ID
FULL OUTER JOIN Employees e ON l.Location_ID = e.Location_ID
WHERE c.Region_ID = 3
AND e.Salary > 70000
AND e.Job_ID = 1
GROUP BY c.Country_Name;
```

```
SELECT e.First_Name, e.Last_Name, j.Job_Title
FROM Employees e
INNER JOIN Jobs j ON e.Job_ID = j.Job_ID
INNER JOIN Department d ON e.Department_ID = d.Department_ID
WHERE d.Department_Name = 'Finance'
AND e.Salary > 80000
AND j.Job_Title = 'Financial Analyst';
```

```
SELECT c.Country_Name, COUNT(*) AS Number_of_Employees, AVG(e.Salary)
FROM Countries c
LEFT JOIN Locations l ON c.Country_ID = l.Country_ID
LEFT JOIN Employees e ON l.Location_ID = e.Location_ID
WHERE c.Region_ID = 2
AND e.Salary > 50000
AND e.Job_ID = 2
GROUP BY c.Country_Name;
```

```
SELECT l.City, l.State, COUNT(*) AS Number_of_Employees
FROM Locations l
RIGHT JOIN Employees e ON l.Location_ID = e.Location_ID
RIGHT JOIN Department d ON e.Department_ID = d.Department_ID
WHERE d.Department_Name = 'Marketing'
AND e.Salary > 60000
AND l.Country_ID = 2
GROUP BY l.City, l.State;
```

```
SELECT u.name, o.order_date, oi.product_name
FROM users u
LEFT JOIN orders o ON u.id = o.user_id
LEFT JOIN order_items oi ON o.id = oi.order_id
WHERE u.status = 'active'
AND o.order_date BETWEEN '2022-01-01' AND '2022-12-31'
AND oi.quantity >= 5;
```

```
SELECT c.name, p.price, s.supplier_name
FROM categories c
INNER JOIN products p ON c.id = p.category_id
LEFT JOIN suppliers s ON p.supplier_id = s.id
WHERE c.status = 'active' AND p.price > 50 AND s.city = 'New York';
```

```
SELECT e.first_name, d.department_name, p.title
FROM employees e
INNER JOIN departments d ON e.department_id = d.id
LEFT JOIN positions p ON e.position_id = p.id
WHERE e.hire_date >= '2020-01-01' AND d.status = 'active'
```