Query 1

Find Duplicate Records

Find duplicate records in a table based on specific columns

SQL QUERY

Universal SQL

```sql
SELECT column1, column2, COUNT(*)
FROM your_table
GROUP BY column1, column2
HAVING COUNT(*) > 1;
```

Anandnarayanan S - Essential SQL Queries

Save   Share

Second Highest Salary

Retrieve the second highest salary from Employee table

SQL QUERY

MySQL/PostgreSQL

```sql
SELECT salary FROM Employee
ORDER BY salary DESC
LIMIT 1 OFFSET 1;
```

Anandnarayanan S - Essential SQL Queries

Save

Share

Employees Without Department

Find all employees who are not assigned to any department

SQL QUERY   Universal SQL

```sql
SELECT e.*
FROM Employee e
LEFT JOIN Department d
  ON e.department_id = d.department_id
WHERE d.department_id IS NULL;
```

Anandnarayanan S - Essential SQL Queries   Save   Share

Query 4

Total Revenue Per Product

> Calculate total revenue generated by each product

SQL QUERY

Universal SQL

```sql
SELECT product_id,
   SUM(quantity * price) AS total_revenue
FROM Sales
GROUP BY product_id;
```

Anandnarayanan S - Essential SQL Queries Save Share

Query 5

Top 3 Highest-Paid Employees

Get the three employees with highest salaries

SQL QUERY   MySQL/PostgreSQL

```sql
SELECT * FROM Employee
ORDER BY salary DESC
LIMIT 3;
```

Anandnarayanan S - Essential SQL Queries   Save   Share

Customers Without Returns

Find customers who made purchases but never returned products

SQL QUERY

SQL Server/PostgreSQL

```sql
SELECT customer_id FROM Orders
EXCEPT
SELECT customer_id FROM Returns;
```

Anandnarayanan S - Essential SQL Queries   Save   Share

Order Count Per Customer

Show the count of orders placed by each customer

SQL QUERY

Universal SQL

```sql
SELECT customer_id,
    COUNT(*) AS order_count
FROM Orders
GROUP BY customer_id;
```

Anandnarayanan S - Essential SQL Queries

Save

Share

Employees Hired in 2023

Retrieve all employees who joined the company in 2023

SQL QUERY

MySQL

```
SELECT * FROM Employee
WHERE YEAR(hire_date) = 2023;
```

Anandnarayanan S - Essential SQL Queries Save Share

Query 9

Average Order Value

Calculate average order value for each customer

SQL QUERY

Universal SQL

```sql
SELECT customer_id,
  AVG(total_amount) AS avg_order_value
FROM Orders
GROUP BY customer_id;
```

Anandnarayanan S - Essential SQL Queries

Save   Share

Latest Order Per Customer

Get the most recent order placed by each customer

SQL QUERY

Universal SQL

```sql
SELECT customer_id,
  MAX(order_date) AS latest_order_date
FROM Orders
GROUP BY customer_id;
```

Anandnarayanan S - Essential SQL Queries

Save   Share