Full Sales Task Report

1. Database: sales_data.db

A SQLite database was created with a single table named 'sales'.

2. SQL Code Used

```sql
-- Create table
CREATE TABLE IF NOT EXISTS sales (
    id INTEGER PRIMARY KEY AUTOINCREMENT,
    product TEXT,
    quantity INTEGER,
    price REAL
);

-- Insert sample data
INSERT INTO sales (product, quantity, price) VALUES
('Laptop', 5, 800.0),
('Laptop', 3, 820.0),
('Phone', 10, 500.0),
('Phone', 7, 520.0),
('Tablet', 4, 300.0),
('Tablet', 6, 310.0),
('Headphones', 15, 50.0),
('Headphones', 20, 55.0);

-- Query to summarize sales
SELECT product, SUM(quantity) AS total_qty, SUM(quantity * price) AS revenue
FROM sales
GROUP BY product;
```

3. Query Output

product	total_qty	revenue
Headphones	35	1850.0
Laptop	8	6460.0
Phone	17	8640.0
Tablet	10	3060.0

4. Revenue by Product (Chart)

Revenue by Product