

Sales Data Analysis - Task 7 Report

This report summarizes Task 7 from the Data Analyst Internship program. **Objective:**

Use Python and SQLite to compute basic sales summaries (total quantity and revenue) and

visualize the results. **Key Steps Performed:** - Connected Python to a SQLite database

(sales_data.db). - Executed SQL queries to compute: • Total quantity sold per product • Total

revenue per product - Loaded SQL results into pandas DataFrame. - Printed output results. -

Created a bar chart showing revenue by product. **SQL Query Used:**

```
SELECT product, SUM(quantity) AS total_qty, SUM(quantity * price) AS revenue FROM sales  
GROUP BY product; Outcome:
```

You learned how to: • Connect Python to databases • Perform SQL aggregations • Use pandas for

data analysis • Create simple visualizations using matplotlib **Files to Upload in GitHub:** -

sales_data.db - task7.ipynb (or .py script) - sales_chart.png - This PDF report