**STRUCTURED QUERY LANGUAGE**

**INTERMEDIATE SQL QUESTIONS (WEEK 6)**

**Topic: Subqueries**

**Instruction:** You are to use the Sales Table provided.

**PART A (Resources)**

**Link:** <https://youtu.be/JksrTuEVEPk?si=8gZW9_i1kXWw_DDE>

**PART B(Questions)**

1. Which date(s) had the highest total sales and which product(s) contributed to those sales?
2. Which product(s) had the highest average unit price among all products sold
3. What were the total sales for each product on dates where the quantity sold exceeded the average quantity sold for that product?
4. What were the top 3 dates with the highest total sales, and which product(s) contributed to those sales on each date?
5. What percentage of the total sales on April 15th, 2024, did each product contribute?
6. Which product(s) had the highest total sales over any consecutive 3-day period?
7. On which date(s) did product C's total sales exceed the combined total sales of all other products?
8. What were the cumulative total sales for each product over the entire period covered by the dataset, ordered by date?

**PART C (Submission Mode)**

You are expected to submit your assignment a week after it was given, with this, Submission starts from Friday 7am Nigerian time to Saturday 3pm Nigerian time.

This submission will be done either on Twitter or LinkedIn, you can choose either of the two to submit your assignment or you can submit on both platforms. You can take a screenshot of your work Answers; you can add a write-up if you want.

For Twitter Submission, you would tag:

1. The TDI Official page @TDataInitiative
2. Annie @DabereNnamani
3. The project coordinator @The\_Jonathaan
4. Tag @msexcel
5. Use the #TDI

For LinkedIn Submission, you would tag:

1. TDI page @TheData Initiative
2. Annie @ Anne Nnamani