Week04 – SQL - QUESTIONS

These questions and queries cover a wide range of scenarios commonly encountered in a MKTIME database, utilising joins, subqueries, and aggregate functions to extract meaningful output from the database.

1. List all products.

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| --- | --- | --- |
| Code | Expected Answer | Actual Answer |
| SELECT \* FROM items; | How many records you expect to display: | 10 |
|  |  |  |
|  |  |  |

2. Find the total sales amount for each product.

3. List all users who made purchase on 3rd May 2023.

4. Find the top 5 costing items.

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| --- | --- | --- |
| Code | Expected Answer | Actual Answer |
| SELECT \* FROM items  ORDER BY item\_price DESC  LIMIT 5 | 5 |  |
|  |  |  |
|  |  |  |

5. List all items and who purchased those items.

6. Find the total order value for each user.

7. List all products with their corresponding orders.

8. Find the customer who spent the most in total.

9. Find the top 3 categories with the highest total sales.

11. List all orders made by a specific customer (e.g., John Doe).

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| --- | --- | --- |
| Code | Expected Answer | Actual Answer |
| SELECT COUNT(\*)  FROM orders  WHERE user\_id = 2 | 1 |  |
|  |  |  |
|  |  |  |

12. Find the number of orders placed by user\_id = 2.

|  |  |  |
| --- | --- | --- |
| Code | Expected Answer | Actual Answer |
| SELECT SUM(total), item\_id  FROM orders  GROUP BY (item\_id) | How many records you expect to display:  5 |  |
|  |  |  |
|  |  |  |

13. List all items with their respective quantities sold.

14. Find the total sales made by each user.