Please answer all the questions accordingly and submit the solution.

**You are working for a company that sells products online, and you have been given the task of analyzing sales data using SQL. You have been provided with two tables:**

**"orders" table with columns "order\_id", "customer\_id", "order\_date", and "total\_amount"**

|  |  |  |  |
| --- | --- | --- | --- |
| **order\_id** | **customer\_id** | **order\_date** | **total\_amount** |
| **1** | **1001** | **2021-01-01** | **100.00** |
| **2** | **1002** | **2021-01-02** | **150.00** |
| **3** | **1003** | **2021-01-03** | **75.00** |
| **4** | **1004** | **2021-01-04** | **200.00** |
| **5** | **1005** | **2021-01-05** | **120.00** |
| **6** | **1006** | **2022–01-07** | **NULL** |

**"order\_items" table with columns "order\_id", "product\_id", "quantity", and "unit\_price"**

|  |  |  |  |
| --- | --- | --- | --- |
| **order\_id** | **product\_id** | **quantity** | **unit\_price** |
| **1** | **1** | **2** | **25.00** |
| **1** | **2** | **3** | **10.00** |
| **2** | **3** | **1** | **150.00** |
| **3** | **1** | **1** | **75.00** |
| **4** | **4** | **2** | **50.00** |
| **4** | **5** | **1** | **100.00** |
| **5** | **2** | **2** | **20.00** |
| **5** | **3** | **1** | **30.00** |

**Ques 1 - What is the total revenue generated by the company and round this revenue up to two decimal places?**

**Ques 2 - What is the average revenue per order?**

**Ques 3 - What is the maximum and minimum revenue generated by a single order?**

**Ques 4 - What is the total quantity of products sold?**

**Ques 5 - What is the average quantity of products sold per order?**

**Ques 6 - What is the maximum and minimum quantity of products sold in a single order?**

**Ques 7 - What is the total number of orders placed?**

**Ques 8 - What is the average number of products ordered per order?**

**Ques 9 - Find out the total revenue generated by each customer, but some customers do not have any orders.**