Exercise Ex4
Handling Errors and managing transactions

Work in your pods and use the bikestore tables we created earlier

Write a customer transaction simulation: The simulation should behave like an order processing system.

Create new orders for existing goods in the production.products tables. The orders can come from existing customers (to make things a little simpler) and are for existing products.
When new orders come in you should update the number of items from the stocks table and you should allocate a salesperson and a store to the order.
You should record the new orders in the sales.orders and order items tables.

Use the order_status field to signify whether an order has been placed , fulfilled , cancelled etc – you may have to create a reference table for this.

Simulate some orders failing due to lack of stock, payment declined, etc . Simulate failures and use transaction rollbacks to tidy up after failing transactions.
Decide as a team which parts of the solution to perform in python and which in SQL

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