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Database Development and Use 2235-DD

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Module 9.1 Assignment

Business rules for Outland Adventures:

* Outland Adventures provides guided hiking and camping trips to customers.
* Customers can either rent or purchase equipment from Outland Adventures.
* Blythe Timmerson and Jim Ford are the owners of Outland Adventures and take care of the administrative and office operations.
* John 'Mac' MacNell and D.B. 'Duke' Marland are the trip organizers and guides.
* Anita Gallegos is responsible for marketing Outland Adventures.
* Dimitrios Stravopolous handles the ordering of supplies and maintains the equipment inventory.
* Mei Wong is responsible for developing an ecommerce site for Outland Adventures.
* Outland Adventures has conducted treks in Africa, Asia, and Southern Europe.
* The organization wants to determine if enough customers buy equipment to sustain equipment sales.
* They want to identify any downward booking trends in Africa, Asia, or Southern Europe.
* Outland Adventures is concerned about the age of some inventory items and wants to identify items older than five years.
* Customers should have categories indicating that they have been inoculated, if their airfare has been booked, and if they meet visa and passport requirements.
* Customers should include contact information

Assumptions:

* Each customer has a unique CustomerID.
* Each trip has a unique TripID.
* Each equipment item has a unique EquipmentID.
* Each employee has a unique EmployeeID.
* Each inventory item has a unique InventoryID.
* The age of an equipment item can be calculated based on the purchase date.
* Equipment is specified for rent or sale.
* If used equipment is sold it is first declassified as rental inventory.
* There can be multiple customers participating in a trip.
* There can be multiple trips organized by a guide.
* An employee can have only one job title at a time.

