**Hotel**

1. **Booking Information**:
   * booking\_id: Unique identifier for each booking.
   * hotel\_name: Name of the hotel.
   * arrival\_date: Date of arrival for the booking.
   * departure\_date: Date of departure for the booking.
   * booking\_date: Date when the booking was made.
   * booking\_status: Status of the booking (e.g., confirmed, canceled, no-show).
2. **Guest Information**:
   * guest\_id: Unique identifier for each guest.
   * guest\_name: Name of the guest.
   * guest\_country: Country of residence of the guest.
   * guest\_age: Age of the guest.
   * guest\_gender: Gender of the guest.
   * number\_of\_guests: Number of guests in the booking.
3. **Room Information**:
   * room\_type: Type of room booked (e.g., single, double, suite).
   * room\_rate: Rate for the room per night.
   * number\_of\_rooms: Number of rooms booked.
   * room\_view: View from the room (e.g., sea view, garden view, city view).
4. **Stay Details**:
   * number\_of\_nights: Total number of nights for the stay.
   * meal\_plan: Type of meal plan included (e.g., breakfast, half-board, full-board).
   * special\_requests: Any special requests made by the guest (e.g., extra bed, early check-in).
5. **Payment Information**:
   * payment\_method: Method of payment (e.g., credit card, cash, bank transfer).
   * payment\_status: Status of the payment (e.g., paid, pending, refunded).
   * total\_amount: Total amount paid for the booking.
6. **Hotel Operations**:
   * staff\_assigned: Staff members assigned to the booking.
   * check\_in\_time: Time of check-in.
   * check\_out\_time: Time of check-out.
   * guest\_feedback: Feedback or rating given by the guest.

**Usage**

This dataset is useful for various analytical purposes, including:

* **Occupancy Analysis**: Understanding booking trends, peak seasons, and room occupancy rates.
* **Revenue Management**: Analyzing pricing strategies, revenue per available room (RevPAR), and average daily rate (ADR).
* **Customer Segmentation**: Identifying different customer segments based on booking and guest information.
* **Service Improvement**: Analyzing guest feedback and special requests to improve service quality.
* **Operational Efficiency**: Examining check-in/check-out processes, staff allocation, and overall hotel operations.

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