**📊 Level 2 – Task 1: Table Booking & Online Delivery**

**📌 Objective**

* Determine the **percentage of restaurants** offering **table booking** and **online delivery**.
* Compare the **average ratings** of restaurants with and without **table booking**.
* Analyze how **online delivery availability** varies across **different price ranges**.

**1️⃣ Step 1: Percentage of Restaurants Offering Table Booking & Online Delivery**

* **Table Booking:** 12.12% of restaurants offer table booking.
* **Online Delivery:** 25.66% of restaurants provide online delivery.
* **Insight:** Online delivery is more common than table booking, indicating a shift toward **convenience and takeout services**.

**2️⃣ Step 2: Comparing Ratings of Table Booking vs. Non-Table Booking Restaurants**

* **Restaurants without table booking have an average rating of** **2.56**.
* **Restaurants with table booking have an average rating of** **3.44**.
* **Insight:** Restaurants offering table booking tend to have **higher ratings**, suggesting that **reservation-based dining improves customer experience**.

**3️⃣ Step 3: Online Delivery Availability by Price Range**

* **Price Range 1 (Budget Restaurants):** 15.77% offer online delivery.
* **Price Range 2 (Mid-Range Restaurants):** 41.31% offer online delivery (**highest percentage**).
* **Price Range 3 (Premium Restaurants):** 29.19% offer online delivery.
* **Price Range 4 (High-End Restaurants):** Only 9.04% offer online delivery.
* **Insight:** Online delivery is **most common in mid-range restaurants**, while **high-end restaurants focus on dine-in experiences**.