**PIZZA SALES ANALYSIS**

**Overview:**

* **Total Revenue**: $817.86K
* **Average Order Value**: $38.31
* **Total Pizzas Sold**: 49,574
* **Total Orders**: 21,350
* **Average Pizzas per Order**: 2.32

**Sales Performance by Time:**

* **Monthly Trend for Total Orders**:
  + Peak months: May and July
  + Lowest month: October
* **Daily Trend for Total Orders**:
  + Orders are highest on Thursday and Friday.
  + The highest orders are on Friday (3,538 orders), followed by Thursday (3,239 orders).

**Sales by Pizza Category:**

* **Pizza Categories**:
  + Classic: 26.91%
  + Supreme: 25.46%
  + Chicken: 23.96%
  + Veggie: 23.68%
* **Total Pizzas Sold by Category**:
  + Classic: 14,888 pizzas (30.49%)
  + Supreme: 11,987 pizzas (24.18%)
  + Veggie: 11,649 pizzas (23.52%)
  + Chicken: 11,050 pizzas (21.81%)

**Sales by Pizza Size:**

* **Pizza Sizes**:
  + Large: 45.89% of total sales
  + Medium: 30.49%
  + Regular: 21.77%
* **Top 5 Pizzas by Total Revenue**:
  + The Thai Chicken Pizza: $43K
  + The Barbecue Chicken Pizza: $43K
  + The California Veggie Pizza: $41K
  + The Classic Deluxe Pizza: $38K
  + The Spicy Italian Pizza: $35K
* **Bottom 5 Pizzas by Total Revenue**:
  + The Spinach Pizza: $16K
  + The Mediterranean Pizza: $15K
  + The Spinach Supreme Pizza: $15K
  + The Green Garden Pizza: $14K
  + The Brie Carre Pizza: $12K
* **Top 5 Pizzas by Quantity**:
  + The Classic Deluxe Pizza: 2.5K
  + The Barbecue Chicken Pizza: 2.4K
  + The Hawaiian Pizza: 2.4K
  + The Pepperoni Pizza: 2.4K
  + The Thai Chicken Pizza: 2.4K
* **Bottom 5 Pizzas by Quantity**:
  + The Soppressata Pizza: 961
  + The Spinach Supreme Pizza: 950
  + The Calabrese Pizza: 937
  + The Mediterranean Pizza: 934
  + The Brie Carre Pizza: 490
* **Top 5 Pizzas by Total Orders**:
  + The Classic Deluxe Pizza: 2.3K
  + The Hawaiian Pizza: 2.3K
  + The Pepperoni Pizza: 2.3K
  + The Barbecue Chicken Pizza: 2.3K
  + The Thai Chicken Pizza: 2.2K
* **Bottom 5 Pizzas by Total Orders**:
  + The Chicken Supreme Pizza: 938
  + The Calabrese Pizza: 918
  + The Spinach Pizza: 918
  + The Mediterranean Pizza: 912
  + The Brie Carre Pizza: 480

**Key Insights:**

1. **High Demand Periods**:
   * Orders are significantly higher on Thursday and Friday.
   * May and July see the highest number of orders monthly.
2. **Popular Categories and Sizes**:
   * Classic pizzas are the most popular category, contributing the most to sales and total orders.
   * Large-sized pizzas dominate sales, indicating a preference for larger pizzas among customers.
3. **Top Performers**:
   * The Thai Chicken Pizza and The Barbecue Chicken Pizza are top revenue generators.
   * The Classic Deluxe Pizza leads in total quantity sold and total orders.
4. **Low Performers**:
   * The Brie Carre Pizza performs the worst in terms of revenue, quantity, and total orders.

**Strategic Recommendations Report for Improving Pizza Sales**

Based on the comprehensive analysis of our pizza sales data, the following strategic recommendations are proposed to enhance sales performance and customer satisfaction:

**1. Optimize Inventory for High-Demand Periods**

**Weekend Inventory Management**:

* Increase inventory levels and staffing on Thursdays and Fridays to adequately meet the higher demand observed during these days.

**Monthly Promotions**:

* Launch special promotions or limited-time offers in May and July to capitalize on the peak order months, thereby maximizing sales during these periods.

**2. Focus on Popular Categories and Sizes**

**Promote Classic Pizzas**:

* Given their popularity and significant contribution to overall sales, highlight Classic pizzas in marketing campaigns to attract more customers.

**Bundle Offers with Large Pizzas**:

* Create combo deals or family packs featuring Large-sized pizzas to cater to customer preferences, encouraging higher order values and boosting average order size.

**3. Leverage Top Performers**

**Feature Best-Selling Pizzas**:

* Promote top revenue-generating pizzas such as The Thai Chicken Pizza and The Barbecue Chicken Pizza prominently in menus, advertisements, and special offers to increase their sales further.

**Create New Variants**:

* Introduce new variations or limited editions of the best-selling Classic Deluxe Pizza to maintain customer interest and drive repeat purchases.

**4. Address Low Performers**

**Revise or Remove Underperforming Items**:

* Reevaluate the recipe or marketing strategy for the Brie Carre Pizza. If performance does not improve, consider removing it from the menu to optimize the product lineup.

**Discounts on Low Performers**:

* Offer discounts or bundle deals on low-performing pizzas to encourage customer trials and clear existing inventory.

**5. Targeted Marketing and Promotions**

**Weekend Specials**:

* Implement weekend-specific promotions, such as “Friday Feast” or “Saturday Savers,” to attract more customers during high-demand periods, thereby increasing weekend sales.

**Seasonal Campaigns**:

* Develop marketing campaigns tailored to peak months. Offer themed pizzas or discounts aligned with seasonal events or holidays in January and July to drive additional sales.

**6. Customer Feedback and Adaptation**

**Gather Customer Insights**:

* Regularly collect feedback on both popular and low-performing pizzas to understand customer preferences better and identify areas for improvement.

**Adjust Menu Based on Feedback**:

* Utilize customer insights to make informed adjustments to the menu, ensuring it aligns with evolving tastes and preferences. This will help in maintaining customer satisfaction and loyalty.

**Conclusion**

Implementing these strategic recommendations will help maximize sales, enhance customer satisfaction, and improve overall business performance. By focusing on high-demand periods, promoting popular items, leveraging top performers, addressing low performers, and tailoring marketing efforts, we can achieve significant growth in our pizza sales operations.