**Pizza Sales**

Pizza Hut is a multinational chain of pizza restaurants and delivery outlets known for its extensive menu of pizzas. Here we are analyzing the given data set on different parameters to find valuable information.

This data set contains 4 tables.

1. **Orders:**

* Order\_id: It contains the total orders placed at pizza hut. (Bill no)
* Date: It contains the date on which pizza is ordered.
* Time: It contains timestamp when pizza order is placed.

1. **Order details:**

* Order\_details\_id: It contains the id for each pizza that is ordered.
* Order\_id: It contains the total orders placed at pizza hut. (Bill no)
* Pizza\_id: It contains pizza id with size that is orderd.
* Quantity: It contains total count for that particular pizza that is ordered.

1. **Pizzas:**

* Pizza\_id: It contains pizza id with size for all the available pizzas.
* Pizza\_type\_id: It contains pizza id for all the available pizzas at pizza hut.
* Size: It contains size of all the pizzas available at pizza hut.
* Price: It contains price for each pizza depending upon its size.

1. **Pizza\_types:**

* Pizza\_type\_id: It contains pizza id for all the available pizzas at pizza hut.
* Name: It contains detail name of the pizzas available at pizza hut
* Category: It contains category for each pizza.

**Basic:**

* Retrieve the total number of orders placed.
* Calculate the total revenue generated from pizza sales.
* Identify the highest-priced pizza.
* Identify the most common pizza size ordered.
* List the top 5 most ordered pizza types along with their quantities.

**Intermediate:**

* Join the necessary tables to find the total quantity of each pizza category ordered.
* Determine the distribution of orders by hour of the day.
* Join relevant tables to find the category-wise distribution of pizzas.
* Group the orders by date and calculate the average number of pizzas ordered per day.
* Determine the top 3 most ordered pizza types based on revenue.

**Advanced:**

* Calculate the percentage contribution of each pizza type to total revenue.
* Analyze the cumulative revenue generated over time.
* Determine the top 3 most ordered pizza types based on revenue for each pizza category.