Business objective:

Understanding orders placed by customers to the restaurants in a food delivery app.

Data captured from:

<https://www.kaggle.com/datasets/mohamedharris/restaurant-order-details?select=Orders.xlsx>

Insights:

* The total sales incurred was 299071 units.
* Average sales for each restaurant

|  |  |  |
| --- | --- | --- |
| **S.no** | **Restaurant name** | **Avg sales** |
| 1 | AMN | 587 |
| 2 | Anand Restaurant | 641 |
| 3 | ASR Restaurant | 546 |
| 4 | Chew Restaurant | 567 |
| 5 | Dave Hotel | 541 |
| 6 | Denver Restaurant | 693 |
| 7 | Ellora | 558 |
| 8 | Excel Restaurant | 517 |
| 9 | KSR Hotel | 524 |
| 10 | Oslo | 600 |
| 11 | Ruchi | 488 |
| 12 | Sam Hotel | 696 |
| 13 | SSK Hotel | 605 |
| 14 | The Cave Hotel | 591 |
| 15 | The Taste | 721 |
| 16 | Veer Restaurant | 660 |
| 17 | Vrinda Bhavan | 610 |
| 18 | Willies | 610 |
| 19 | Win Hotel | 571 |
| 20 | Zam Zam | 664 |

* Number of restaurants in each zone is,

|  |  |  |
| --- | --- | --- |
| **S.no** | **Zone** | **num of restaurants** |
| 1 | Zone A | 69 |
| 2 | Zone B | 132 |
| 3 | Zone C | 86 |
| 4 | Zone D | 213 |

* Total sales per zone is

|  |  |  |
| --- | --- | --- |
| **S.no** | **Zone** | **Total sales** |
| 1 | Zone A | 40833 |
| 2 | Zone B | 77001 |
| 3 | Zone C | 53074 |
| 4 | Zone D | 128163 |

* The average sales per zone is,

|  |  |  |
| --- | --- | --- |
| **S.no** | **Zone** | **avg sales** |
| 1 | Zone A | 591 |
| 2 | Zone B | 583 |
| 3 | Zone C | 617 |
| 4 | Zone D | 601 |

* The average delivery time for each zone is,

|  |  |
| --- | --- |
| **Zone** | **Avg del time** |
| Zone A | 30 |
| Zone B | 30 |
| Zone C | 30 |
| Zone D | 30 |

* The average customer rating for food is, 3/5
* The average customer rating for delivery is 2/5
* The total orders received by each restaurant is

|  |  |  |
| --- | --- | --- |
| **S.no** | **Restaurant name** | **Total orders** |
| 1 | Ellora | 32 |
| 2 | The Cave Hotel | 32 |
| 3 | Chew Restaurant | 31 |
| 4 | Willies | 30 |
| 5 | Anand Restaurant | 29 |
| 6 | Veer Restaurant | 29 |
| 7 | Ruchi | 28 |
| 8 | Win Hotel | 27 |
| 9 | Zam Zam | 25 |
| 10 | Sam Hotel | 25 |
| 11 | KSR Hotel | 24 |
| 12 | Oslo | 23 |
| 13 | ASR Restaurant | 23 |
| 14 | Excel Restaurant | 23 |
| 15 | Denver Restaurant | 23 |
| 16 | AMN | 22 |
| 17 | Dave Hotel | 20 |
| 18 | SSK Hotel | 20 |
| 19 | The Taste | 18 |
| 20 | Vrinda Bhavan | 16 |

* The total sales made by each restaurant

|  |  |  |
| --- | --- | --- |
| **S.no** | **Restaurant name** | **total sales** |
| 1 | Veer Restaurant | 19168 |
| 2 | The Cave Hotel | 18934 |
| 3 | Anand Restaurant | 18589 |
| 4 | Willies | 18324 |
| 5 | Ellora | 17863 |
| 6 | Chew Restaurant | 17596 |
| 7 | Sam Hotel | 17400 |
| 8 | Zam Zam | 16622 |
| 9 | Denver Restaurant | 15948 |
| 10 | Win Hotel | 15438 |
| 11 | Oslo | 13815 |
| 12 | Ruchi | 13674 |
| 13 | The Taste | 12982 |
| 14 | AMN | 12926 |
| 15 | KSR Hotel | 12595 |
| 16 | ASR Restaurant | 12579 |
| 17 | SSK Hotel | 12107 |
| 18 | Excel Restaurant | 11901 |
| 19 | Dave Hotel | 10838 |
| 20 | Vrinda Bhavan | 9772 |

* The customer named “Srini” has mad the most orders.

|  |  |  |
| --- | --- | --- |
| **S.no** | **Time of day** | **Order count** |
| 1 | afternoon | 217 |
| 2 | evening | 38 |
| 3 | morning | 73 |
| 4 | night | 172 |

* Customer order distribution
* The most liked cuisine in each zone is , The most preferred cuisine being” North Indian”

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.no** | **Zone** | **cuisine** | **cuisine count** | **rank** |
| 1 | Zone A | Belgian | 25 | 1 |
| 2 | Zone B | French | 41 | 1 |
| 3 | Zone C | African | 61 | 1 |
| 4 | Zone D | North Indian | 81 | 1 |

* Total sales distribution for each zone,

|  |  |  |
| --- | --- | --- |
| **S.no** | **Zone** | **Total sales** |
| 1 | Zone D | 128163 |
| 2 | Zone B | 77001 |
| 3 | Zone C | 53074 |
| 4 | Zone A | 40833 |

* Top rated restaurants in each zone in terms of food quality is,

|  |  |  |  |
| --- | --- | --- | --- |
| **S.no** | **Restaurant name** | **zone** | **Good rating count** |
| 1 | Sam Hotel | Zone A | 12 |
| 2 | Ruchi | Zone B | 15 |
| 3 | Ellora | Zone C | 18 |
| 4 | AMN | Zone D | 14 |

* Top rated restaurants in each zone in terms of food delivery,

|  |  |  |  |
| --- | --- | --- | --- |
| **S.no** | **Restaurant name** | **Zone** | **Good delivery rating count** |
| 1 | Dave Hotel | Zone A | 12 |
| 2 | The Cave Hotel | Zone B | 19 |
| 3 | Ellora | Zone C | 13 |
| 4 | Willies | Zone D | 12 |

* Types of preferred payments are through “Debit card”, “Credit card” and “Cash on delivery”, and the most preferred payment is through “Debit card”

|  |  |
| --- | --- |
| **Payment mode** | **count of payment methods** |
| Debit Card | 174 |
| Cash on Delivery | 169 |
| Credit Card | 157 |