Dear Data Science Lead,

Exploratory Data Analysis (EDA) of customer sales data -Task 1

**Initial Analysis:**

* Dataset has no missing values
* Time Duration of Data is from 1st March 2022 to 7th March 2022

|  |  |
| --- | --- |
| **TOP SELLER** | **CATEGORY** |
| 1 | Fruits |
| 2 | Vegetables |
| 3 | Packaged Foods |

* Most of the customer used cash to pay
* Medicine has the highest price among all categories
* Though Fruits are top seller, Kitchen category contributes highest sale

List of Top Selling Category in each day of the week

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **SUNDAY** | **MONDAY** | **TUESDAY** | **WEDNESDAY** | **THURSDAY** | **FRIDAY** | **SATURDAY** |
| Fruit | Fruit | Fruit | Fruit | vegetables | Fruit | Fruit |
| Vegetables | Packaged Foods | vegetables | vegetables | Fruit | vegetables | Vegetables |
| Baked Goods | Vegetables | Canned foods | Packaged Foods | Refrigerated Items | Meat | Packaged Foods |

* Wednesday yielded highest revenue among all days

**Recommendations:**

* Need more data on Gender of the buyer

Best Regards,

Rushti Rajoli T