**Waste\_Variance\_Report:**

|  |  |  |
| --- | --- | --- |
| Feature | Description | Type |
| Category | Broad classification of the inventory item (e.g., bagels, beverages), representing the type of product. | Categorical |
| Inventory\_Item | Specific name or description of the item in the inventory. | Text |
| Pack\_Size | Quantity or unit specification for each pack or case of the inventory item. | Text |
| Price\_Per\_Unit | Price per single unit of the inventory item. This is the cost for one unit within the specified pack size. | Numeric (CAD) |
| Open\_Count | Quantity of the item at the start of the reporting period. Often zero if not recorded at the beginning of the period. | Numeric |
| Purchases | Total quantity of the item purchased during the specified period. | Numeric |
| Transfers | Quantity of the item transferred in or out of the store (can be positive for incoming and negative for outgoing transfers). | Numeric |
| Close\_Count | Quantity of the item at the end of the period, often reflecting remaining stock. | Numeric |
| Actual\_Units | The actual number of units consumed, calculated based on Open Count, Purchases, Transfers, and Close Count. | Numeric |
| Theoretical\_Units | Expected units consumed based on sales data or theoretical calculations. | Numeric |
| Waste\_Units | Units identified as waste, calculated as the difference between Actual Units and Theoretical Units (e.g., inventory loss or spoilage). | Numeric |
| Variance\_Units | Difference between Actual Units and Theoretical Units, indicating over- or under-usage. Negative values suggest under-usage. | Numeric |
| Actual\_Cost | Total cost incurred based on the Actual Units multiplied by Price Per Unit. | Numeric (CAD) |
| Theoretical\_Cost | Expected cost calculated using Theoretical Units and Price Per Unit. | Numeric (CAD) |
| Waste\_Cost | Cost associated with wasted units, calculated as Waste Units multiplied by Price Per Unit. | Numeric (CAD) |
| $ Var | Monetary variance representing the difference between Actual Cost and Waste Cost. This shows how much money was spent versus the cost of wasted items. | Numeric (CAD) |
| Variance\_Percentage | Percentage variance, calculated as Variance Units divided by Theoretical Units, providing an efficiency or waste rate for the product. | Percentage |

**Year & Month wise - Sales Per Labour Hour:**

|  |  |  |
| --- | --- | --- |
| Feature Name | Description | Data Type |
| Month | The name of the month during which the data was recorded. | String |
| Year | The year during which the data was recorded. | Integer |
| From | Start date of the recorded time-period for the respective row. | Date |
| To | End date of the recorded time-period for the respective row. | Date |
| Transactions | The total number of customer transactions processed within the recorded period. | Integer |
| Sales | The total revenue generated during the recorded period. | Float (currency) |
| Hours | The total number of labor hours worked during the recorded period. | Float |
| SPLH | Sales Per Labour Hour - measures the efficiency of labor in generating sales. Calculated as Sales ÷ Hours. | Float |
| CPLH | Cost Per Labour Hour - the cost associated with one hour of labor. Calculated as Labour Cost ÷ Hours. | Float |
| Labour Cost | The total cost incurred for labor during the recorded period. | Float (currency) |
| Labour % | The percentage of sales spent on labor. Calculated as (Labour Cost ÷ Sales) × 100. | Float (percentage) |

**Account\_Summary\_2022:**

|  |  |  |
| --- | --- | --- |
| Field Name | Description | Data Type |
| Date | The date of the transaction or entry. | Date |
| Day | The day of the week on which the transaction occurred. | String |
| Adjusted Gross Sales | Total sales before tax adjustments for the day, typically used for reporting purposes. | Float/Decimal |
| Net Sales | Total sales after discounts, returns, and adjustments. | Float/Decimal |
| HST | Harmonized Sales Tax collected on sales (common in Canada). | Float/Decimal |
| Counted Cash | Total cash counted in the store at the end of the day. | Float/Decimal |
| Foreign Cash Equivalent | The value of foreign currency (if applicable) in equivalent local currency. | Float/Decimal |
| Total Cash | The total cash (including counted cash and foreign cash equivalent). | Float/Decimal |
| Debit | Total sales paid via debit card transactions. | Float/Decimal |
| Tims Gift Card Redeem | Total value of Tim Hortons gift cards redeemed. | Float/Decimal |
| Visa | Total sales paid via Visa credit card transactions. | Float/Decimal |
| MasterCard | Total sales paid via MasterCard credit card transactions. | Float/Decimal |
| American Express | Total sales paid via American Express credit card transactions. | Float/Decimal |
| Discover | Total sales paid via Discover credit card transactions. | Float/Decimal |
| Scan and Pay MasterCard | Sales paid using the "Scan and Pay" feature with MasterCard. | Float/Decimal |
| Scan and Pay VISA | Sales paid using the "Scan and Pay" feature with VISA. | Float/Decimal |
| Scan and Pay Amex | Sales paid using the "Scan and Pay" feature with American Express. | Float/Decimal |
| Scan and Pay Timcard | Sales paid using the "Scan and Pay" feature with Timcard (Tim Hortons' own payment method). | Float/Decimal |
| Digital Visa | Sales paid using Digital Visa transactions. | Float/Decimal |
| Digital Mastercard | Sales paid using Digital Mastercard transactions. | Float/Decimal |
| Digital AMEX | Sales paid using Digital American Express transactions. | Float/Decimal |
| Digital Tims Gift Card | Sales paid using a digital Tim Hortons gift card. | Float/Decimal |
| Rebates | Any rebates applied to transactions. | Float/Decimal |
| Tims Gift Card Load | Total amount loaded onto Tim Hortons gift cards. | Float/Decimal |
| Deposit | The amount of money deposited into the store’s account. | Float/Decimal |
| Over / Short | The difference between the expected amount of money (based on sales) and the actual cash count. | Float/Decimal |

**Notes:**

* **Sales & Payment Methods: The columns indicate various payment types, including traditional (Visa, MasterCard) and digital or scan-and-pay methods (Digital Visa, Tim Card).**
* **Cash and Payment Adjustments: Includes details on cash (including foreign equivalent), debit, and gift card usage.**
* **Rebates & Loading: Information related to rebates applied and any loading onto Tim Hortons gift cards.**
* **Over/Short: A key metric for cash reconciliation, showing whether there was an overage or shortage.**