

Clinkt Case File — Data Dictionary

This document describes the five datasets provided for the VibeHack investigation. All data covers **1-31 August 2026** unless otherwise noted.

1. customers.csv (200 rows)

Customer master data for the sample of Clinkt customers available for this investigation.

Column	Type	Description
Customer_ID	string	Unique customer identifier (C0001-C0200)
City	string	Customer's home city (Maharashtra)
Customer_Segment	string	Budget / Regular / Premium / Family
Age	integer	Customer age in years
Signup_Date	date	Date the customer joined Clinkt

2. products.csv (36 rows)

Product catalogue across 9 categories.

Column	Type	Description
Product_ID	string	Unique product identifier (P001-P036)
Product_Name	string	Product name
Category	string	One of 9 categories (4 products each)
Price	number	Price in ₹

3. customer_interactions.csv

Browsing behaviour: every recorded View and Add_to_Cart event.

Column	Type	Description
Interaction_ID	string	Unique interaction identifier
Timestamp	datetime	When the interaction occurred
Customer_ID	string	Customer who performed the interaction

Column	Type	Description
Session_ID	string	Groups interactions belonging to the same browsing session
Product_ID	string	Product involved
Interaction_Type	string	View or Add_to_Cart

4. orders.csv

Completed purchases only. Not every cart addition results in an order.

Column	Type	Description
Order_ID	string	Unique order identifier
Order_Timestamp	datetime	When the order was placed
Customer_ID	string	Customer who placed the order
Session_ID	string	The browsing session in which the order originated
Product_ID	string	Product purchased
Quantity	integer	Units purchased
Unit_Price	number	Price per unit at time of order (matches products.csv)
Total_Amount	number	Quantity × Unit_Price

Note: Every order can be traced back to an Add_to_Cart event in customer_interactions.csv with the same Customer_ID, Session_ID, and Product_ID.

5. inventory.csv (1,116 rows = 36 products × 31 days)

Daily stock ledger for every product.

Column	Type	Description
Date	date	Calendar date
Product_ID	string	Product
Opening_Stock	integer	Stock at the start of the day
Units_Sold	integer	Units sold that day (matches orders.csv)

Column	Type	Description
Replenishment_Units	integer	Units received into stock that day
Closing_Stock	integer	Stock at the end of the day (Opening + Replenishment – Sold)
Stock_Status	string	Convenience label derived from Closing_Stock: Out of Stock (0), Critical (1-5), Low Stock (6-15), Healthy (>15)

Note: Stock_Status is a simple threshold label. The underlying stock numbers are the real evidence — a product’s typical stock level varies, so the same absolute number can mean different things for different products.

Relationships Between Files

