Data Dictionary
Belle Croissant Lyonnais

File: sales_transactions.csv

Field Name	Data Type	Description	Notes
		Unique identifier for each transaction	Automatically generated sequential number
		Unique identifier for each customer	Foreign key referencing customers.customer_id
		Date of the transaction (YYYY-MM-DD format)	
		Unique identifier for each product	Foreign key referencing products.product_id
		Number of units purchased in the transaction	
		Unit price of the product at the time of the transaction	May vary due to promotions or price changes
		Method of payment used for the transaction	Options: "Credit Card", "Cash", "Mobile Pay
		Sales channel	Options: "In-store", "Online"
		ID of the store where the transaction occurred (if applicable, null for online transactions)	Foreign key referencing a hypothetical stores table (not provided in this dataset)
		ID of the promotion applied to the	Foreign key referencing a hypothetical promotions

Field Name	Data Type	Description	Notes
		transaction (if applicable, null for no promotion)	table (not provided in this dataset)
		Amount of discount applied to the transaction	In the currency of the transaction

File: products.csv

Field Name	Data Type	Description	Notes
		Unique identifier for each product	Automatically generated sequential number
		Name of the product	May contain inconsistencies in formatting or spelling
		General category of the product	Options: "Viennoiserie", "Bread", "Pâtisserie", "Tarte"
		Comma-separated list of ingredients used in the product	May contain inconsistencies in formatting
		Current selling price of the product	In the currency of the transactions
		Cost of production for the product	In the currency of the transactions
		Whether the product is seasonal	TRUE/FALSE
		Whether the product is currently offered	TRUE/FALSE
		Date when the product was first introduced (YYYY-MM-DD format)	

File: customers.csv

Field Name	Data Type	Description	Notes
customer_id		Unique identifier for each customer	Automatically generated sequential number
first_name		Customer's first name	
last_name		Customer's last name	
age		Age of the customer	May contain missing values
gender		Gender of the customer (M or F)	
postal_code		Customer's postal code	
email		Customer's email address	May contain inconsistencies in formatting
phone_number		Customer's phone number	May contain missing values or inconsistencies in formatting
membership_status		Loyalty program membership status (e.g., "Basic", "Silver", "Gold")	
join_date		Date the customer joined the loyalty program (YYYY-MM-DD format)	
last_purchase_date		Date of the customer's most recent purchase (YYYY-MM-DD format)	
total_spending		Total amount spent by the customer	In the currency of the transactions

average_order_value		Average value of the customer's orders	In the currency of the transactions
frequency		Number of purchases made by the customer	
preferred_category		The customer's most frequently purchased product category	
churned		Whether the customer has not made a purchase within a defined period (e.g., 6 months)	TRUE/FALSE TRUE indicates the customer has churned