Project implementation

Approver	
Contributors	Kuldeep, Pratibha, Krishna
Informed	
Objective	
Due date	Jun 4, 2024
Key outcomes	
Status	DONE

🤔 Motivation

The motivation for using nested JSON order details data from VTEX is to efficiently manage and analyze complex order information to improve operations and gain deeper customer insights. The goals are to integrate this data into existing analytics systems, understand customer behavior, optimize order fulfillment and inventory management, provide personalized customer experiences, and ensure the system can scale with growing data volumes. By achieving these goals, VTEX can enhance decision-making and drive business growth.

🚩 Milestones and deadlines

Milestone	Owner	Status
Data Discovery		Done
Made custom Schema		Done
Solution Design		Done
Solution Implementation		Done
Data Dictionary and Technical Configuration		Done

Requirement Gathering

Questions to ask by client

1. **Data Sources**:
   - How many sources of data do we have?
     - One, ie. API
2. **File Format**
   - In which file format our data will be?
     - Json

3. **Data Ingestion Frequency**:
    - What is the frequency at which we receive the data (e.g., hourly, daily, weekly)?
        - In every 4 hours

4. **Data Volume**:
    - What is the expected volume we get?
        - 2 MB

5. **Pipeline Frequency**:
    - How frequently will our data processing pipelines run (you need output)?
        - In every 4 hours

6. **Data Type**:
    - How will we handle each type of data ?
        - int- string
        - string- string
        - date- date (yyyy-MM-dd)

7. **Column Selection**:
    - Which columns do we need to pull from the source data?
        - all columns

8. **Table Count and Structure**:
    - How many tables do we need to create from the incoming data?
        - After KPI

9. **Table Naming Conventions**:
    - What naming conventions will we use for our tables to ensure clarity and consistency?

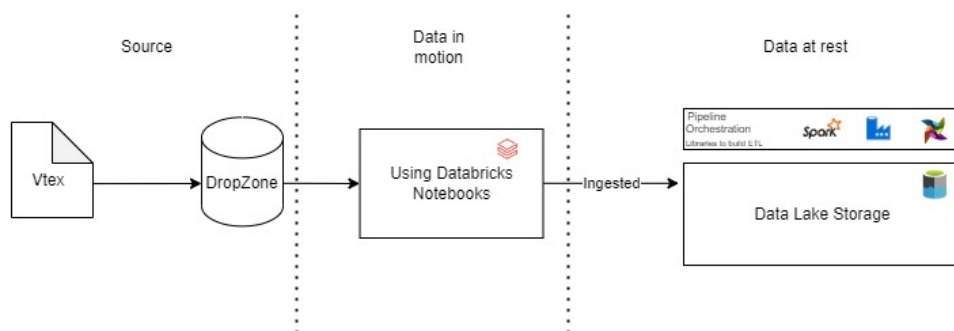10. **Database Naming Conventions**:
    - What naming conventions will we use for our databases?
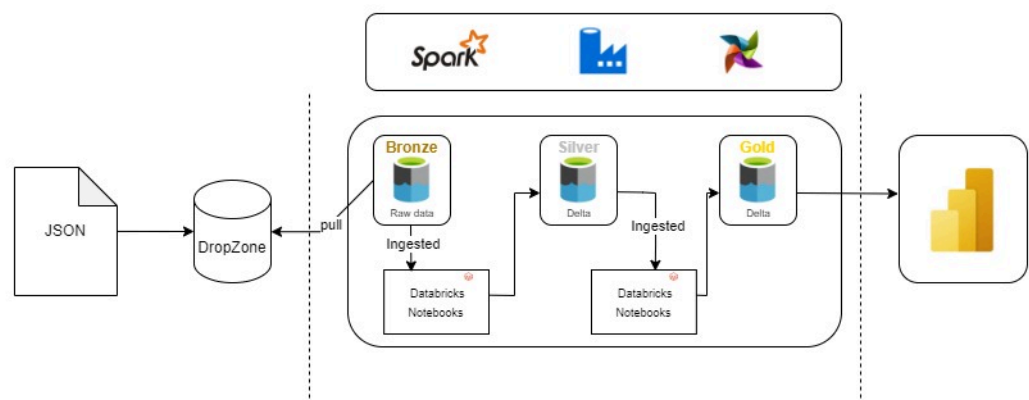
11. **End Users**:
    - Who are the end users of the data and the processed outputs?

Data Modeling

High-Level Architecture

Detailed Design

Tables

price_tags	
PK	name STRING NOT NULL
	value INT
	isPercentual BOOLEAN
	identifier STRING
	rawValue FLOAT
	rate NULL
	jurisCode NULL
	jurisType NULL
	jurisName NULL

orders	
PK	orderId STRING
	sequence STRING
	marketplaceOrderId STRING
	marketplaceServicesEndpoint STRING
	sellerOrderId STRING
	origin STRING
	affiliateId STRING
	salesChannel STRING
	merchantName STRING
	status STRING
	workflowIsInError BOOLEAN
	statusDescription STRING
	value INT
	creationDate TIMESTAMP
	lastChange TIMESTAMP
	orderGroup STRING
	additionalInfoId INT

items	
PK	id INT
	uniqueId STRING
	productId STRING
	ean STRING
	lockId STRING
	itemAttachmentId INT
	quantity INT
	seller STRING
	name STRING
	refId STRING
	price INT
	listPrice INT
	manualPrice STRING
	imageUrl STRING
	detailUrl STRING
	measurementUnit STRING
	unitMultiplier FLOAT
	sellingPrice INT
	isGift BOOLEAN
	shippingPrice STRING
	rewardValue INT
	freightCommission INT
	priceDefinitionId INT
	taxCode STRING
	parentItemIndex STRING
	parentAssemblyBinding STRING
	callCenterOperator STRING
	serialNumbers STRING
	costPrice INT
	customVtexOrderId STRING
	FOREIGN KEY (OrderId) REFERENCES (orderId)

logistics_table	
	itemIndex: INTEGER
	selectedSla: STRING
	lockTTL: STRING
	price: INTEGER
	listPrice: INTEGER
	sellingPrice: INTEGER
	deliveryWindow: STRING
	deliveryCompany: STRING

sellers_table	
PK	id: STRING
	name: STRING
	logo: STRING
	fulfillmentEndpoint: STRING

shipping_logistics_table	
	id: STRING
	addressType: STRING
	receiverName: STRING
	addressId: STRING
	versionId: STRING
	entityId: STRING
	postalCode: STRING
	city: STRING
	state: STRING
	country: STRING
	street: STRING
	number: STRING
	neighborhood: STRING
	complement: STRING
	reference: STRING
	itemIndex: INTEGER
	selectedSla: STRING
	lockTTL: STRING
	price: INTEGER
	listPrice: INTEGER
	sellingPrice: INTEGER
	deliveryWindow: STRING
	deliveryCompany: STRING

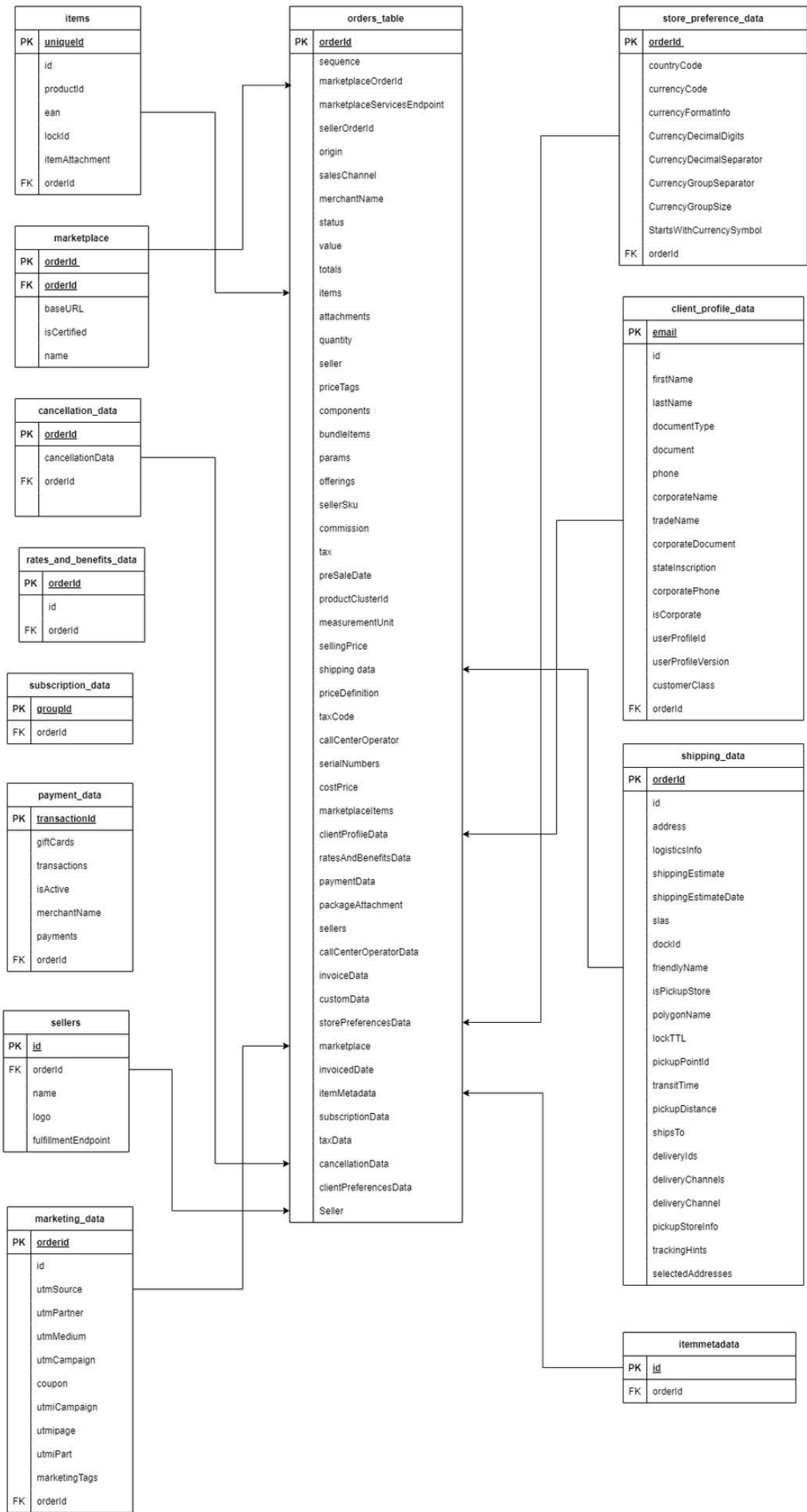| clientProfile	
PK	email: STRING
	id: STRING
	firstName: STRING
	lastName: STRING
	documentType: STRING
	document: STRING
	phone: STRING
	corporateName: STRING
	tradeName: STRING
	corporateDocument: STRING
	stateInscription: STRING
	corporatePhone: STRING
	isCorporate: BOOLEAN
	userProfileId: STRING
	userProfileVersion: STRING
	customerClass: STRING
FK	OrderId

Primary Keys and Foreign Key

- **Order**: PK – orderId
- **totals_table:** PK - orderId
- **items_table**: PK – unique_id

- **item_attachments_table**: Pk – unique_id ,

- **item_pricetags_table**: PK - unique_id

- **components_table**: PK - unique_id

- **item_additional_info**:

- **item_additional_info_categories**: PK – unique_id

- **price_definition_table**: PK - unique_id

- **client_profile_data_table**: PK - email

- **maketing_data_table**: PK – order_id

- **ratesandbenefitsdata**: PK - order_id

- **shippingdata_table**: PK –

- **logisticinfo_shippingdata_table**: PK -

- **slas_logisticinfo_shippingdata_table**: FK -

- **address_shippingdata_table**: PK -

- **deliverylds_logisticinfo_shippingdata_table**: PK -

- **selectaddresses_shippingdata_table** – PK - order_id ,

- **payment_data_table**: PK - transaction_id

- **sellers_table**: PK –

- **invoice_data**: PK - order_id

- **storepreferencesdata_table**: PK- country_code

- **item_metadata**: PK - order_id

- **cancellation_data_table**: PK - order_id

- **subscription_data_table**: PK - subscription_group_id

- **item_bundle_table**: PK - unique_id,

ER Diagrams

Parent table to child table

items
PK	uniqueId
	id
	productId
	ean
	lockId
	itemAttachment
FK	orderId

marketplace
PK	orderId
FK	orderId
	baseURL
	isCertified
	name

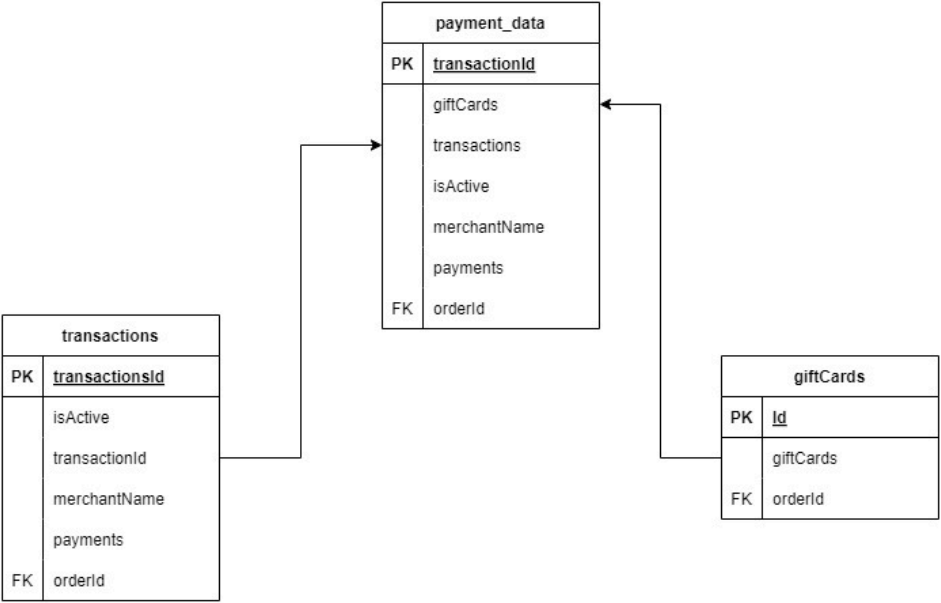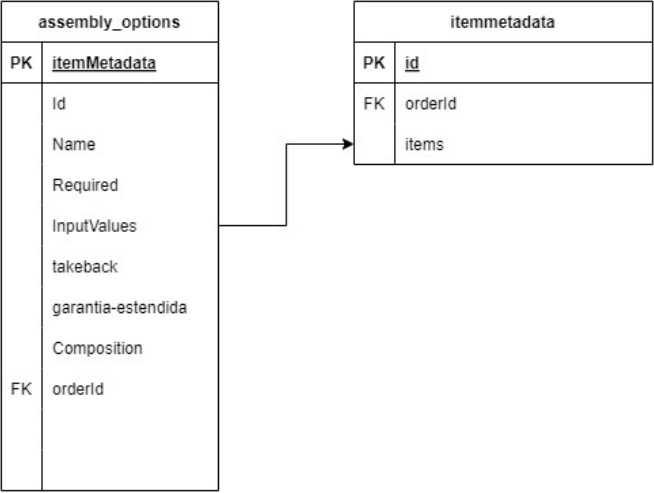## cancellation_data
PK	orderId
	cancellationData
FK	orderId

rates_and_benefits_data
PK	orderId
	id
FK	orderId

subscription_data
PK	groupId
FK	orderId

payment_data
PK	transactionId
	giftCards
	transactions
	isActive
	merchantName
	payments
FK	orderId

sellers
PK	id
FK	orderId
	name
	logo
	fulfillmentEndpoint

marketing_data
PK	orderId
	id
	utmSource
	utmPartner
	utmMedium
	utmCampaign
	coupon
	utmiCampaign
	utmipage
	utmiPart
	marketingTags
FK	orderId

orders_table
PK	orderId
	sequence
	marketplaceOrderId
	marketplaceServicesEndpoint
	sellerOrderId
	origin
	salesChannel
	merchantName
	status
	value
	totals
	items
	attachments
	quantity
	seller
	priceTags
	components
	bundleItems
	params
	offerings
	sellerSku
	commission
	tax
	preSaleDate
	productClusterId
	measurementUnit
	sellingPrice
	shipping data
	priceDefinition
	taxCode
	callCenterOperator
	serialNumbers
	costPrice
	marketplaceItems
	clientProfileData
	ratesAndBenefitsData
	paymentData
	packageAttachment
	sellers
	callCenterOperatorData
	invoiceData
	customData
	storePreferencesData
	marketplace
	invoicedDate
	itemMetadata
	subscriptionData
	taxData
	cancellationData
	clientPreferencesData
	Seller

store_preference_data
PK	orderId
	countryCode
	currencyCode
	currencyFormatInfo
	CurrencyDecimalDigits
	CurrencyDecimalSeparator
	CurrencyGroupSeparator
	CurrencyGroupSize
	StartsWithCurrencySymbol
FK	orderId

client_profile_data
PK	email
	id
	firstName
	lastName
	documentType
	document
	phone
	corporateName
	tradeName
	corporateDocument
	stateInscription
	corporatePhone
	isCorporate
	userProfileId
	userProfileVersion
	customerClass
FK	orderId

shipping_data
PK	orderId
	id
	address
	logisticsInfo
	shippingEstimate
	shippingEstimateDate
	slas
	dockId
	friendlyName
	isPickupStore
	polygonName
	lockTTL
	pickupPointId
	transitTime
	pickupDistance
	shipsTo
	deliveryIds
	deliveryChannels
	deliveryChannel
	pickupStoreInfo
	trackingHints
	selectedAddresses

itemmetadata
PK	id
FK	orderId

Shipping table

address

PK	addressId
	addressType
	receiverName
	versionId
	entityId
	postalCode
	city
	state
	country
	street
	number
	neighborhood
	complement
	reference
	geoCoordinates
FK	orderId

shipping_data

PK	orderId
	id
	address
	logisticsInfo
	shippingEstimate
	shippingEstimateDate
	slas
	dockId
	friendlyName
	isPickupStore
	polygonName
	lockTTL
	pickupPointId
	transitTime
	pickupDistance
	shipsTo
	deliveryIds
	deliveryChannels
	deliveryChannel
	pickupStoreInfo
	trackingHints
	selectedAddresses

logistics_info

PK	deliveryId
	itemIndex
	selectedSla
	lockTTL
	price
	listPrice
	sellingPrice
	deliveryWindow
	deliveryCompany
FK	orderId

slas

PK	orderId
	id
	name
	shippingEstimate
	deliveryWindow
	price
	deliveryChannel
	polygonName
	lockTTL
	pickupPointId
	transitTime
	pickupDistance
FK	orderId

delivery_ids

PK	courierId
	courierName
	dockId
	quantity
	warehouseId
	accountCarrierName
	kitItemDetails

payment table

payment_data

PK	transactionId
	giftCards
	transactions
	isActive
	merchantName
	payments
FK	orderId

transactions

PK	transactionsId
	isActive
	transactionId
	merchantName
	payments
FK	orderId

giftCards

PK	Id
	giftCards
FK	orderId

item meta data

assembly_options

PK	itemMetadata
	Id
	Name
	Required
	InputValues
	takeback
	garantia-estendida
	Composition
FK	orderId

itemmetadata

PK	id
FK	orderId
	items

Data Dictionary

Data Path

Bronze	
Location:	vtex-data / bronze
Format:	Json
Filename:	vtex_test_data.json
	Data profiling file link: source_data_profiling.xlsx
Silver	
Location	vtex-data / silver
Format:	Delta Table
Table name	25 tables
	Data profiling file link: source_data_profiling.xlsx

Tables Detail Information

Table name	Is Master/ Transaction al	Update Frequen cy	Avg Data Size (Volume based on frequenc y) in MB	File Format	Is there any PII data	Save mode for table
order_table		daily	0.031	Delta table	YES	Upsert
totals_table		daily	0.0032	Delta table	NO	Upsert
items_table		daily	0.027	Delta table	NO	Upsert
item_attachments_table		daily	0.0095	Delta table	NO	Upsert
item_priceTags_table		daily	0.0029	Delta table	NO	Upsert
components_table		daily	0.014	Delta table	NO	Upsert

item_additional_info		daily	0.012	Delta table	NO	Upsert
item_additional_info_categories		daily	0.0086	Delta table	NO	Upsert
price_definition_table		daily	0.0096	Delta table	NO	Upsert
client_profile_data_table		daily	0.0088	Delta table	YES	Upsert
marketingdata_table		daily	0.0034	Delta table	NO	Upsert
ratesAndBenefitsData		daily	0.0022	Delta table	NO	Upsert
shippingData_table1		daily	0.068	Delta table	YES	Upsert
logisticsinfo_shippingdata_table		daily	0.043	Delta table	NO	Upsert
slas_logisticsInfo_shippingdata_table		daily	0.022	Delta table	NO	Upsert
address_shipping_data_table		daily	0.0087	Delta table	YES	Upsert
deliveryIds_logisticsinfo_shippingdata_table		daily	0.0041	Delta table	NO	Upsert
selectedaddresses_shippingdata_table		daily	0.0091	Delta table	YES	Upsert
payment_data_table		daily	0.034	Delta table	YES	Upsert
sellers_table		daily	0.0034	Delta table	NO	Upsert
invoice_data		daily	0.0052	Delta table	YES	Upsert
storepreferencesdata_table		daily	0.0036	Delta table	NO	Upsert
itemmeta_data		daily	0.016	Delta table	NO	Upsert
cancellation_data_table		daily	0.0043	Delta table	NO	Upsert
subscription_data_table		daily	0.0038	Delta table	NO	Upsert
item_bundle_table		daily	0.0081	Delta table	NO	Upsert

Table Schemas:

vtex_db.order		
Field	**Type**	**Description**
order_id	string	The ID of the order.
sequence	string	The sequence identifier related to the order.
marketplace_order_id	string	The ID of the order within the marketplace.
marketplace_services_endpoint	string	Endpoint for marketplace services related to the order.
seller_order_id	string	The ID of the order as provided by the seller.
origin	string	The origin of the order.
affiliate_id	string	ID of the affiliate associated with the order.
sales_channel	string	The sales channel through which the order was made.
merchant_name	string	Name of the merchant associated with the order.
status	string	Current status of the order.
workflow_is_in_error	boolean	Indicates if the workflow related to the order is in error.
status_description	string	Description of the current status of the order.
value	integer	The value associated with the order.
creation_date	timestamp	Date and time when the order was created.
last_change	timestamp	Date and time of the last change to the order.
order_group	string	Grouping identifier related to the order.
marketplace_items	array	Array of marketplace items associated with the order.
gift_registry_data	string	Data related to gift registry information.

call_center_operator_data	string	Data related to call center operator handling of the order.
follow_up_email	string	Follow-up email related to the order.
last_message	string	Last message associated with the order.
hostname	string	Hostname of the server where the order information is stored.

Total table		
Field	**Type**	**Description**
order_id	string	The ID of the order.
discounts	long	Total discounts applied to the order.
items	long	Total cost of items in the order.
shipping	long	Shipping cost associated with the order.
tax	long	Tax amount applied to the order.

item_priceTags_table		
Field	**Type**	**Description**
price_valid_until	string	The date until which the price is valid.
commission	integer	Commission amount for the item.
tax	integer	Tax amount for the item.
pre_sale_date	string	Date when the item is available for presale.
measurement_unit	string	Unit of measurement for the item.
unit_multiplier	float	Multiplier for the measurement unit.
selling_price	integer	Selling price of the item.
is_gift	boolean	Indicates if the item is a gift.
shipping_price	string	Shipping price for the item.
reward_value	integer	Reward value associated with the item.
freight_commission	integer	Freight commission for the item.

tax_code	string	Tax code associated with the item.
parent_item_index	string	Index of the parent item.
parent_assembly_binding	string	Binding related to parent assembly.
call_center_operator	string	Operator handling the item in the call center.
serial_numbers	string	Serial numbers associated with the item.
assemblies	array	Array of assemblies related to the item.
cost_price	integer	Cost price of the item.
offerings_type	array	Array of offering types related to the item.
offerings_id	array	Array of offering IDs related to the item.
offerings_name	array	Array of offering names related to the item.
offerings_price	array	Array of offering prices related to the item.

vetx_db.item		
Field	**Type**	**Description**
price_valid_until	string	The date until which the price is valid.
commission	integer	Commission amount for the item.
tax	integer	Tax amount for the item.
pre_sale_date	string	Date when the item is available for presale.
measurement_unit	string	Unit of measurement for the item.
unit_multiplier	float	Multiplier for the measurement unit.
selling_price	integer	Selling price of the item.
is_gift	boolean	Indicates if the item is a gift.
shipping_price	string	Shipping price for the item.
reward_value	integer	Reward value associated with the item.

freight_commission	integer	Freight commission for the item.
tax_code	string	Tax code associated with the item.
parent_item_index	string	Index of the parent item.
parent_assembly_binding	string	Binding related to parent assembly.
call_center_operator	string	Operator handling the item in the call center.
serial_numbers	string	Serial numbers associated with the item.
assemblies	array	Array of assemblies related to the item.
cost_price	integer	Cost price of the item.
offerings_type	array	Array of offering types related to the item.
offerings_id	array	Array of offering IDs related to the item.
offerings_name	array	Array of offering names related to the item.
offerings_price	array	Array of offering prices related to the item.

vtex_db.item_attachment_table		
Field	**Type**	**Description**
unique_id	string	Unique identifier for the record.
garantia_estendida_name	string	Name associated with extended warranty.
garantia_estendida_refid	string	Reference ID for the extended warranty.
garantia_estendida_id	string	ID associated with the extended warranty.
garantia_estendida_productid	string	Product ID related to the extended warranty.
garantia_estendida_productweight	integer	Weight of the product associated with the extended warranty.
garantia_estendida_lineid	integer	Line ID related to the extended warranty.

Field	Type	Description
garantia_estendida_model	string	Model associated with the extended warranty.
takeback_parsed_name	string	Parsed name related to takeback information.
takeback_parsed_productname	string	Parsed product name related to takeback information.
takeback_parsed_valor	string	Parsed value related to takeback information.
takeback_parsed_material	string	Parsed material related to takeback information.

Vtex_db.item_component		
Field	**Type**	**Description**
ean	string	EAN (European Article Number) for the product.
lock_id	string	Lock ID associated with the product.
quantity	integer	Quantity of the product.
seller	string	Seller of the product.
name	string	Name of the product.
ref_id	string	Reference ID for the product.
price	long	Price of the product.
list_price	long	List price of the product.
manual_price	long	Manual price set for the product.
seller_sku	string	Seller SKU for the product.
price_valid_until	string	Date until which the price is valid.
commission	integer	Commission amount for the product.
tax	integer	Tax amount for the product.
pre_sale_date	string	Date when the product is available for presale.
measurement_unit	string	Unit of measurement for the product.
unit_multiplier	float	Multiplier for the measurement unit.
selling_price	long	Selling price of the product.

is_gift	boolean	Indicates if the product is a gift.
shipping_price	long	Shipping price for the product.
reward_value	integer	Reward value associated with the product.
freight_commission	integer	Freight commission for the product.
tax_code	string	Tax code associated with the product.
parent_item_index	string	Index of the parent item.
parent_assembly_binding	string	Binding related to the parent assembly.
call_center_operator	string	Operator handling the product in the call center.
serial_numbers	string	Serial numbers associated with the product.
cost_price	long	Cost price of the product.
itemattachment_name	string	Attachment name associated with the product.
brand_name	string	Name of the brand associated with the product.
brand_id	string	ID of the brand associated with the product.
categories_ids	string	IDs of the categories to which the product belongs.
categories	string	Categories to which the product belongs.
product_cluster_id	string	Cluster ID associated with the product.
commercial_condition_id	string	ID of the commercial condition associated with the product.
offering_info	string	Information about the offering of the product.
offering_type	string	Type of the offering of the product.
offering_type_id	string	ID of the offering type of the product.
calculated_selling_price	long	Calculated selling price of the product.
total	long	Total amount related to the product.

reason	string	Reason associated with the product.
cubicweight	float	Cubic weight of the product.
height	float	Height of the product.
length	float	Length of the product.
weight	float	Weight of the product.
width	float	Width of the product.
sellingprices_value	long	Value related to selling prices of the product.
sellingprices_quantity	integer	Quantity related to selling prices of the product.

vtex_db.item_additionalinfo		
Field	Datatypes	Description
unique_id	string	Unique identifier for the record.
brand_name	string	Name of the brand associated with the product.
brand_id	string	ID of the brand associated with the product.
categories	array	Array of categories to which the product belongs.
product_cluster_id	string	Cluster ID associated with the product.
commercial_condition_id	string	ID of the commercial condition associated with the product.
dimension	struct	Structured data representing dimensions of the product.
offering_info	string	Information about the offering of the product.
offering_type	string	Type of the offering of the product.
offering_type_id	string	ID of the offering type of the product.

vtex_db.item_additional_info_categories		

Field	Type	Description
unique_id	string	Unique identifier for the record.
id	integer	ID associated with the record.
name	string	Name associated with the record.

vtex_db.price_defination		
Field	**Type**	**Description**
orderid	string	Order ID or identifier for the record.
calculated_selling_price	integer	Calculated selling price for the order.
total	integer	Total value associated with the order.
reason	string	Reason or description associated with the order.
unique_id	string	Unique identifier for the record.
value	integer	Value associated with the record.
quantity	integer	Quantity associated with the record.

vtex_db.client_profiledata		
Field	**Type**	**Description**
Field	Datatypes	Description
email	string	Email address of the user.
first_name	string	First name of the user.
last_name	string	Last name of the user.
document_type	string	Type of document (e.g., ID card, passport).
document	string	Document number (e.g., ID card number).
phone	string	Phone number of the user.
corporate_name	string	Name of the corporate entity.
trade_name	string	Trade name of the corporate

		entity.
corporate_document	string	Document number of the corporate entity.
state_inscription	string	State registration number (for corporations).
corporate_phone	string	Phone number of the corporate entity.
is_corporate	boolean	Flag indicating if the user is a corporate entity.
user_profile_id	string	ID of the user profile.
user_profile_version	string	Version of the user profile.
customer_class	string	Classification of the customer.
order_id	string	Order ID associated with the user.

database_name.marketing_data		
Field	**Type**	**Description**
order_id	string	Order ID or identifier for the record.
id	string	ID associated with the record.
utm_source	string	Source of the UTM tracking parameter.
utm_partner	string	Partner associated with the UTM tracking.
utm_medium	string	Medium of the UTM tracking parameter.
utm_campaign	string	Campaign name of the UTM tracking.
coupon	string	Coupon associated with the order.
utmi_campaign	string	Campaign name associated with UTMI.
utmipage	string	Page related to UTMI.
utmi_part	string	Part associated with UTMI.
marketing_tags	array	Array of marketing tags associated with the order.

vtex_db.rates_and_benefitsdata

Field	Type	Description
order_id	string	Order ID or identifier for the record.
id	string	ID associated with the record.
utm_source	string	Source of the UTM tracking parameter.
utm_partner	string	Partner associated with the UTM tracking.
utm_medium	string	Medium of the UTM tracking parameter.
utm_campaign	string	Campaign name of the UTM tracking.
coupon	string	Coupon associated with the order.
utmi_campaign	string	Campaign name associated with UTMI.
utmipage	string	Page related to UTMI.
utmi_part	string	Part associated with UTMI.
marketing_tags	array	Array of marketing tags associated with the order.

vtex_db.shipping_data

Field	Type	Description
Field	Datatypes	Description
order_id	string	Order ID or identifier for the record.
id	string	ID associated with the record.
address	struct	Struct containing address-related information.
logistics_info	array	Array of logistics information.
element	struct	Struct containing element-related information.
tracking_hints	string	Tracking hints associated with the order.

selected_addresses	struct	Struct containing selected address information.
address_id	string	Address ID associated with the record.
sel_address_id	string	Selected address ID associated with the record.

vtex_db.slas_logisticsInfo_shippingdata

Field	Type	Description
order_id	string	Order ID or identifier for the record.
id	string	ID associated with the record.
name	string	Name associated with the record.
shipping_estimate	string	Estimated shipping details.
delivery_window	string	Window for delivery.
price	integer	Price of the item or service.
delivery_channel	string	Delivery channel information.
pickup_store_info	struct	Struct containing information about pickup store.
lock_t_t_l	string	Time-to-Live (TTL) for locking.
pickup_point_id	string	Pickup point ID.
transit_time	string	Transit time for delivery.
pickup_distance	float	Distance to pickup point.
courier_id	string	ID of the courier.

database_name.address_shippingdata

Field	Type	Description
Field	Datatypes	Description
order_id	string	Order ID or identifier for the record.
address_type	string	Type of address (e.g., billing, shipping).

receiver_name	string	Name of the receiver at the address.
address_id	string	Address ID associated with the record.
postal_code	string	Postal code or ZIP code.
city	string	City name.
state	string	State or province.
country	string	Country name.
street	string	Street name.
number	string	Street number or building number.
neighborhood	string	Neighborhood or district.
complement	string	Additional address information (e.g., apt number).
geo_coordinates	array	Array containing geo coordinates (latitude, longitude).

vtex_db.delivery_ids		
Field	**Type**	**Description**
order_id	string	Order ID or identifier for the record.
courier_id	string	ID of the courier associated with the order.
courier_name	string	Name of the courier.
dock_id	string	ID of the dock.
quantity	integer	Quantity of items.
warehouse_id	string	ID of the warehouse.
kit_item_details	array	Array containing details of kit items.

vtex_db.selectedaddress_shippingdata		
Field	Datatypes	Description
order_id	string	Order ID or identifier for the record.
address_id	string	Address ID associated with the

		record.
address_type	string	Type of address (e.g., billing, shipping).
receiver_name	string	Name of the receiver at the address.
street	string	Street name.
number	string	Street number or building number.
complement	string	Additional address information (e.g., apt number).
neighborhood	string	Neighborhood or district.
postal_code	string	Postal code or ZIP code.
city	string	City name.
state	string	State or province.
country	string	Country name.
geo_coordinates	array	Array containing geo coordinates (latitude, longitude).

vtex_db.payment_data		
Field	**Type**	**Description**
Field	Datatype	Description
is_active	boolean	Indicates if the gift card is active.
transaction_id	string	Transaction ID associated with the payment.
merchant_name	string	Name of the merchant where the payment was made.
gift_cardbalance	long	Balance amount on the gift card.
gift_cards_inuse	boolean	Indicates if the gift card is currently in use.
gift_card_isspecialcard	boolean	Indicates if the gift card is a special card.
payment_id	string	ID of the payment transaction.
payment_system	string	Payment system used for the transaction.
payment_system_name	string	Name of the payment system.

value	integer	Value or amount of the payment.
installments	integer	Number of installments for the payment.
reference_value	integer	Reference value associated with the payment.
card_holder	string	Name of the card holder.
card_number	string	Full card number.
first_digits	string	First digits of the card number.
last_digits	string	Last digits of the card number.
cvv2	string	CVV2 code of the card.
expire_month	string	Expiration month of the card.
expire_year	string	Expiration year of the card.
url	string	URL associated with the transaction.
gift_card_id	string	ID of the gift card.
gift_card_name	string	Name of the gift card.

database_name.seller

Field	Type	Description
order_id	string	ID of the order.
id	string	Identifier.
name	string	Name associated with the identifier.
logo	string	URL or path to the logo associated with the item.
fulfillment_endpoint	string	URL or endpoint for fulfillment.

database_name.

Field	Type	Description
Field	Datatype	Description
order_id	string	ID of the order.
user_payment_info	string	Payment information related to the user.

invoice_subject	string		Subject of the invoice.
postal_code	string		Postal code or ZIP code.
city	string		City name.
state	string		State or province name.
country	string		Country name.
street	string		Street name.
number	string		House or building number.
neighborhood	string		Neighborhood or district name.
complement	string		Additional address information, if any.
reference	string		Reference information for the address.
geo_coordinates	array		Array of geo-coordinates (latitude, longitude).

vtex_db.invoice_data

Field	Type	Description
order_id	string	ID of the order.
user_payment_info	string	Payment information related to the user.
invoice_subject	string	Subject of the invoice.
postal_code	string	Postal code or ZIP code.
city	string	City name.
state	string	State or province name.
country	string	Country name.
street	string	Street name.
number	string	House or building number.
neighborhood	string	Neighborhood or district name.
complement	string	Additional address information, if any.
reference	string	Reference information for the address.
geo_coordinates	array	Array of geo-coordinates (latitude, longitude).

database_name.store_preference_data

Field	Type	Description
country_code	string	Code representing the country.
currency_code	string	Code representing the currency.
currency_format_info	struct	Structured information about currency formatting.
currency_locale	integer	Locale identifier for the currency.
currency_symbol	string	Symbol representing the currency.
time_zone	string	Time zone identifier.

database_name.item_metadata

Field	Type	Description
order_id	string	Unique identifier for the order.
id	string	Unique identifier for the item.
seller	string	Name of the seller.
name	string	Name of the item.
sku_name	string	Stock Keeping Unit name.
product_id	string	Unique identifier for the product.
ref_id	string	Reference identifier for the item.
ean	string	International Article Number for the item.
image_url	string	URL of the item's image.
detail_url	string	URL of the item's detail page.
assembly_options	array	List of assembly options for the item.

Vtex_db.cancellation_data_table

Field	Type	Description
order_id	string	Unique identifier for the order.
requested_by_user	boolean	Indicates if the request was made by the user.

requested_by_system	string	System that requested the action.
requested_by_seller_notification	string	Notification from the seller for the request.
requested_by_payment_notification	string	Notification from the payment system for the request.
reason	string	Reason for the request or action.
cancellation_date	string	Date when the cancellation was made.

Vtex_db.subscription_data		
Field	**Type**	**Description**
order_id	string	Unique identifier for the order.
subscription_group_id	string	Identifier for the subscription group.
execution_count	integer	Number of executions for the subscription.
price_at_subscription_date	double	Price at the time of subscription.
item_index	integer	Index of the item in the order.
type	string	Type of subscription.
periodicity	string	Frequency of the subscription period.
interval	integer	Interval of the subscription period.
begin	string	Start date of the subscription period.
end	string	End date of the subscription period.

Vtex_db.item_bundle_data		
Field	**Type**	**Description**
item_uniqueid	string	Unique identifier for the item.
unique_id	string	Unique identifier.
id	string	Identifier for the item.
product_id	void	Identifier for the product.
ean	void	European Article Number.

lock_id	void	Identifier for the lock.
quantity	integer	Quantity of the item.
seller	void	Seller of the item.
name	string	Name of the item.
ref_id	void	Reference identifier.
price	integer	Price of the item.
list_price	void	List price of the item.
manual_price	void	Manually adjusted price of the item.
image_url	void	URL of the item's image.
detail_url	void	URL for item details.
seller_sku	string	Seller's stock keeping unit.
price_valid_until	void	Date until the price is valid.
commission	integer	Commission on the item.
tax	integer	Tax on the item.
pre_sale_date	void	Pre-sale date of the item.
measurement_unit	string	Unit of measurement for the item.
unit_multiplier	float	Multiplier for the unit measurement.

Personal Identifiable Information

If there is any PII please mention it here.

Table Name	PII Information
orderid	follow_up_email
	client_profile_email
client_profile_data	email
	first_name
	last_name
	phone
shipping_data	address
	selected_addresses
address_shipping_data_table	receiver_name
	postal_code

	street
	neighborhood
selected_addresses_shipping_data_table	receiver_name
	street
	neighborhood
	postal_code
payment_data_table	billing_address
invoice_data	postal_code
	street
	neighborhood