# Project Implementation

**Questions to ask to Client:**

1. What is the source of the data? (API, SharePoint, Databases, third-party providers, Files, DropZone, etc.…)
2. How often should data be retrieved or synchronized?
3. Are there any privacy or compliance concerns we need to address?
4. What is the expected volume of data?
5. How should the data be integrated with existing systems or workflows?
6. Who is the point of contact for troubleshooting or further questions?
7. What are the SharePoint site URL and access credentials?
8. Are there any specific file naming conventions or metadata to be aware of?
9. Is there available API documentation or an API key for accessing it?
10. What are the API endpoint URLs, and what authentication method is required?
11. What is the format of the data returned (e.g., JSON, XML)?
12. What is the directory structure and where is the data located?
13. What is the expiry date for the API access key/token?
14. Do you have any specific primary key for the tables?
15. How are changes to the data sources communicated to us?
16. Are there different versions of the API, and which version should we use?
17. Are there backup sources or alternative methods for data retrieval in case of primary source failure?
18. Are there any specific data formats or standards that need to be followed?
19. Are there any constraints or preferences regarding cloud providers (e.g., AWS, Azure, GCP) or on-premise solutions?
20. How should the data be integrated (e.g., ETL, ELT)?
21. What transformations or aggregations are required on the data?
22. Are there any specific tools or technologies you prefer for data processing?
23. What is the expected timeline for the project?
24. Are there any critical milestones or deadlines that we need to be aware of?
25. How often do you expect progress updates and reports?
26. Who are the primary stakeholders for this project?
27. Who will be the main point of contact, and how should we communicate (e.g., email, meetings, collaboration tools)?

Tables to be created:

| Parent | Child | Sub Child | Sub Sub Child | Sub Sub Sub Child |
|--------|-------|-----------|---------------|-------------------|
|        |       |           |               |                   |

| Parent | Child | Sub Child | Sub Sub Child | Sub Sub Sub Child |
|--------|-------|-----------|---------------|-------------------|
| orderId |       |           |               |                   |
| sequence |       |           |               |                   |
| marketplaceOrderId |       |           |               |                   |
| marketplaceServicesEndpoint |       |           |               |                   |
| sellerOrderId |       |           |               |                   |

| | | | | |
|---|---|---|---|---|
| origin | | | | |
| affiliateId | | | | |
| salesChannel | | | | |
| merchantName | | | | |
| status | | | | |
| workflowIsInError | | | | |
| statusDescription | | | | |
| value | | | | |
| creationDate | | | | |
| lastChange | | | | |
| orderGroup | | | | |
| totals | | | | |
| items | itemAttachment | | | |
| | offerings | | | |
| | attachmentOfferings | | | |
| | additionalInfo | categories | | |
| | | dimension | | |
| | priceDefinition | sellingPrices | | |
| marketplaceItems | | | | |
| clientProfileData | | | | |
| giftRegistryData | | | | |
| marketingData | | | | |
| ratesAndBenefitsData | | | | |
| shippingData | address | | | |
| | logisticsInfo | slas | pickupStoreInfo | |

| | | | | |
|---|---|---|---|---|
| | | deliveryIds | | |
| | | deliveryChannels | | |
| | | pickupStoreInfo | | |
| | selectedAddresses | | | |
| transactions | payments | | | |
| packageAttachment | | | | |
| packages | | | | |
| callCenterOperatorData | | | | |
| followUpEmail | | | | |
| lastMessage | | | | |
| hostname | | | | |
| invoiceData | | | | |
| changesAttachment | | | | |
| openTextField | | | | |
| roundingError | | | | |
| orderFormId | | | | |
| commercialConditionData | | | | |
| isCompleted | | | | |
| customData | | | | |
| storePreferencesData | currencyFormatInfo | | | |
| allowCancellation | | | | |
| allowEdition | | | | |
| isCheckedIn | | | | |
| marketplace | | | | |
| authorizedDate | | | | |

| invoicedDate | | | | |
|---|---|---|---|---|
| cancelReason | | | | |
| itemMetadata | Items | AssemblyOptions | InputValues | takeback |
| subscriptionData | | | | |
| taxData | | | | |
| checkedInPickupPointId | | | | |
| cancellationData | | | | |
| clientPreferencesData | | | | |

**Motivation**

This page is the landing zone for anything you need to know about the data source. It does highlight the data scope in terms of regional span as well as account or tenant structure. In addition, you will find all integrated data assets as well as an entity relationship diagram to understand the context of each asset. The technical configuration details will allow you to dig deeper into the data engineering aspects.

| Last Doc Update | 05-06-2024 |
|---|---|
| Doc Status | In Progress |
| Dev Status | Development Status In Progress |
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# Table of Contents

# Solution Brief:

This section is dedicated to explaining the source, encompassing a detailed explanation of the data we are currently obtaining and forecasting the ultimate insights we anticipate deriving from it

**Stakeholders:**

| Role | Data Owner/s | Source System Contact Person | Source System Resolver Group | Business Sponsor | GDP Product Owner | GDP Data Architect | Engaged developer |
|------|------|------|------|------|------|------|------|
| People & Ord | Vtex Data | | | | | | Basheer Ahmed K Manvi Khandelwal Sathya Priya R |

## Data FLow Diagram:
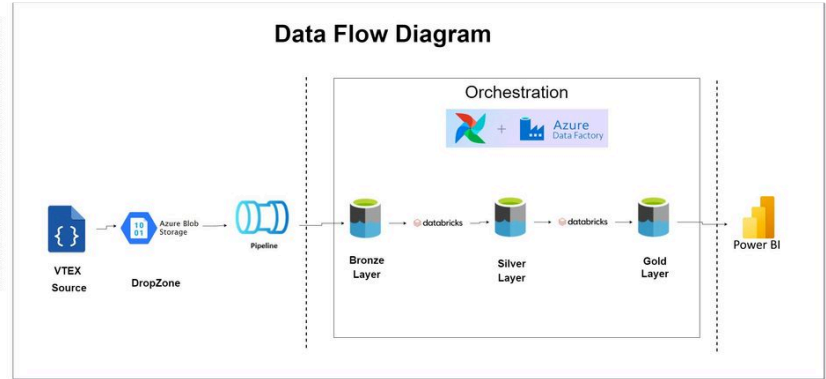


## Ingestion Design Decision Log:

| ID | Decision | Description | Log |
|----|----------|-------------|-----|
| 1 | option 1:Data from Dropzone container | Client | Log of who disapproved the ingestion mechanism. |
| 2 | option 2: Ingestion Mechanism | Description on ingestion mechanism explaining how source team send file. | Log of approved. |

ER Diagram:

# Database Schema (Entity-Relationship Diagram)

### shipping_data
| PK | sequence |
|---|---|
| PK | order_id |
| | id |
| | tracking_hints |
| | address_type |
| | receiver_name |
| | address_id |
| | version_id |
| | entity_id |
| | postal_code |
| | city |

### payment_data
| PK | order_id |
|---|---|
| PK | sequence |
| | is_active |
| | is_active |
| | transaction_id |
| | merchant_name |
| | id |
| | payment_system |
| | payment_system_name |

### rates_and_benefits_data
| PK | order_id |
|---|---|
| PK | sequence |
| | id |
| | description |
| | featured |
| | id |
| | name |
| | matched_parameters |
| | additional_info |
| | load_date |

### sellers
| PK | order_id |
|---|---|
| PK | sequence |
| | value |
| | load_date |

### client_preferences_data
| PK | sequence |
|---|---|
| PK | order_id |
| | locale |
| | optin_news_letter |
| | load_date |

### cancellation_data
| PK | order_id |
|---|---|
| PK | sequence |
| | requested_by_user |
| | requested_by_system |
| | requested_by_seller_notification |
| | requested_by_payment_notification |
| | reason |
| | cancellation_date |
| | load_date |

### marketing_data
| PK | order_id |
|---|---|
| PK | sequence |
| | id |
| | utm_source |
| | utm_partner |
| | utm_medium |
| | utm_campaign |
| | coupon |
| | utmi_campaign |
| | utmipage |
| | utmi_part |
| | marketing_tag |
| | load_date |

### item_meta_data
| PK | order_id |
|---|---|
| PK | sequence |
| | item_metadata__id |
| | seller |
| | item_metadata__name |
| | sku_name |
| | product_id |
| | ref_id |
| | ean |
| | image_url |
| | detail_url |
| | required |
| | maximum_number_of_characters |
| | domain |
| | id |
| | name |
| | load_date |

### order_details
| PK | sequence |
|---|---|
| PK | order_id |
| | marketplace_order_id |
| | marketplace_services_end |
| | seller_order_id |
| | origin |
| | affiliate_id |
| | sales_channel |
| | merchant_name |
| | status |
| | workflow_is_in_error |
| | status_description |
| | value |
| | creation_date |
| | last_change |
| | order_group |
| | gift_registry_data |
| | call_center_operator_data |
| | follow_up_email |
| | last_message |
| | hostname |
| | changes_attachment |
| | rounding_error |
| | order_form_id |
| | is_completed |
| | custom_data |
| | allow_cancellation |
| | allow_edition |
| | is_checked_in |
| | authorized_date |
| | invoiced_date |
| | cancel_reason |
| | tax_data |
| | checked_in_pickup_point_ |
| | load_date |

### client_profile
| PK | order_id |
|---|---|
| PK | sequence |
| | id |
| | email |
| | first_name |
| | last_name |
| | document_type |
| | document |
| | phone |
| | corporate_name |
| | trade_name |
| | corporate_document |
| | state_inscription |
| | corporate_phone |
| | is_corporate |
| | user_profile_id |
| | user_profile_version |
| | customer_class |
| | load_date |

### open_text_field
| PK | order_id |
|---|---|
| PK | sequence |
| | value |
| | load_date |

### commerical_condition_data
| PK | order_id |
|---|---|
| PK | sequence |
| | id |
| | parent_order_id |
| | reason |
| | load_date |

### marketplace
| PK | order_id |
|---|---|
| PK | sequence |
| | base_url |
| | is_certified |
| | name |
| | load_date |

### totals
| PK | order_id |
|---|---|
| PK | sequence |
| | id |
| | name |
| | value |
| | load_date |

### strore_preference_data
| PK | order_id |
|---|---|
| PK | sequence |
| | country_code |
| | currency_code |
| | currency_locale |
| | currency_symbol |
| | time_zone |
| | currency_decimal_digits |
| | currency_decimal_separator |
| | currency_group_separator |
| | currency_group_size |
| | starts_with_currency_symbol |
| | load_date |

### invoice_data
| PK | order_id |
|---|---|
| PK | sequence |
| | user_payment_info |
| | invoice_subject |
| | postal_code |
| | city |
| | state |
| | country |
| | street |
| | number |
| | neighborhood |
| | complement |
| | reference |
| | geo_coordinates |
| | load_date |

### component
| PK | order_id |
|---|---|
| PK | sequence |
| | unique_id |
| | id |
| | product_id |
| | ean |
| | lock_id |
| | item_attachmet |
| | attachments |
| | quantity |
| | seller |
| | name |
| | ref_id |
| | price |
| | list_price |
| | manual_price |
| | price_tags |
| | image_url |
| | detail_url |
| | bundle_items |
| | params |
| | offerings |
| | attachment_offerings |
| | seller_sku |
| | price_valid_until |
| | commission |
| | tax |
| | pre_sale_date |
| | additional_info |
| | measurement_unit |
| | unit_multiplier |
| | selling_price |
| | is_gift |
| | shipping_price |
| | reward_value |
| | freight_commission |
| | price_definition |
| | assemblies |
| | cost_price |
| | load_date |