dim_order

- **order_id**
- external_order_id
- order_status
- paypal_payment_transaction_id
- order_total
- date_created
- date_last_updated
- date_submitted
- date_shipped
- date_cancelled
- date_refunded

dim_product

- **product_id**
- product_version
- external_product_code
- short_name
- long_name
- description
- thumbnail_location
- image_location
- weight
- quantity_in_inventory
- price
- date_created
- date_last_updated

dim_customer

- **customer_id**
- first_name
- last_name
- date_created
- date_last_updated
- tracking_id

fact table

- product_id (FK)
- order_id (FK)
- line_item_id (FK)
- customer_id (FK)
- address_id (FK)
- fulfillment_id (FK)
- employee_id (FK)
- online_log_id (FK)
- shopping_log_id (FK)
- generated_tracking_id (FK)

dim_online_line_item

- **line_item_id**
- product_version
- quantity
- price
- date_created
- date_last_updated

dim_cust_address

- **address_id**
- street_address
- city
- state
- posatl_code
- date_created
- date_last_updated

dim_online_log

- **online_log_id**
- order_event
- timestamp

dim_order_fulfillment

- **fulfillment_id**
- fulfillment_status
- package_tracking_number
- date_created
- date_last_updated
- date_received
- date_in_progress
- date_shipped

dim_shopping_log

- **shopping_log_id**
- shopping_event
- timestamp

dim_tracking

- **generated_tracking_id**
- user_zip_code
- date_created
- date_last_updated

dim_employee

- **employee_id**
- employee_badge_number
- first_name
- last_name
- date_created
- date_last_updated

Above is a STAR Schema of the 2 transactional databases (Shopping,Order and fulfillment databases) with the details of log files (Shipping, order and fulfillment log files). Here, I have converted log file data into dimension tables. Full details of STAR Schema: 1) Fact Table : This table contains Foreign keys which are primary keys of the dimension tables. 2) Dimension Table: There are in total 10 dimension tables I have created for this database. Dimension tables store descriptions of the characteristics of a business. A dimension is usually descriptive information that qualifies a fact. Dimension tables store descriptions of the characteristics of a business. A dimension is usually descriptive information that qualifies a fact.