

Data Dictionary for Supply Chain Optimization for FMCG Company:

Column Name	Type	Description
Ware_house_ID	Numeric	Unique identifiers for each warehouse
WH_Manager_ID	Numeric	Unique identifiers for the warehouse managers.
Location_type	Categorical	Indicates the type of location where each warehouse is situated.
WH_capacity_size	Categorical	Represents the capacity or size of each warehouse.
zone	Categorical	Categorizes the warehouses into specific zones.
WH_regional_zone	Categorical	Assigns each warehouse to a regional zone.
num_refill_req_l3m	Numeric	Records the number of refill requests received in the last 3 months.
transport_issue_l1y	Numeric	Indicates the occurrence of any transport-related issues within the last year.
Competitor_in_mkt	Numeric	Specifies the presence of competitors in the market.
retail_shop_num	Numeric	Provides the number of retail shops associated with each warehouse.
wh_owner_type	Categorical	Describes the ownership type of each warehouse.
distributor_num	Numeric	Represents the number of distributors associated with each warehouse.
flood_impacted	Categorical	Indicates whether a warehouse has been impacted by floods.
flood_proof	Categorical	Specifies whether a warehouse is flood-proof.
electric_supply	Categorical	Indicates the status of electric supply to each warehouse.
dist_from_hub	Numeric	Represents the distance of each warehouse from the hub.
workers_num	Numeric	Provides the number of workers employed at each warehouse.
wh_est_year	Numeric	Represents the year in which each warehouse was established.
storage_issue_reported_l3m	Numeric	Indicates whether any storage issues have been reported in the last 3 months.
temp_reg_mach	Categorical	Specifies the presence of temperature regulation machinery at each warehouse.
approved_wh_govt_certificate	Categorical	Indicates if each warehouse has an approved government certificate.
wh_breakdown_l3m	Numeric	Indicates whether any breakdowns have occurred at each warehouse in the last 3 months.

govt_check_l3m	Numeric	Indicates if government checks have been conducted for each warehouse in the last 3 months.
product_wg_ton	Numeric	Represents the weight of the product in tons.