

DATA DICTIONARY

Column	Meaning	Data Type
price_per_unit	Cost per item purchased from the supplier	Decimal Number
payment_term_days	Number of days allowed before payment is due	Whole Number
offer_validity_days	How long the supplier's price quote remains valid	Whole Number
quality_score	Product quality rating (0–10 scale)	Decimal Number
defect_rate	Percentage of defective items (typically 0–0.1)	Decimal Number
return_rate	Percentage of items returned (typically 0–0.05)	Decimal Number
delivery_time_days	Number of days required to deliver	Whole Number
on_time_delivery_rate	Percentage of deliveries arriving on time (0–1)	Decimal Number
lead_time_variance	Variability in delivery time; higher = less predictable	Decimal Number
delivery_mode	Transportation method (Air, Road, Sea)	Text
forecast_accuracy	Alignment with forecasted demand (0–1)	Decimal Number
seasonality_index	Seasonal demand level (>1 = peak, <1 = off-peak)	Decimal Number
demand_volatility_index	Demand instability (0 = stable, 1 = highly volatile)	Decimal Number
order_frequency_monthly	Number of orders placed per month	Whole Number
avg_order_volume	Average quantity per order	Decimal Number
items_requested	Quantity requested by the buyer	Whole Number
items_offered	Quantity the supplier can provide	Whole Number
procurement_action_code	Procurement action type (0=New,1=Renewal,2=Amendment,3=Ext.)	Whole Number (Categorical)
delivery_term_code	Delivery responsibility (0=EXW,1=FOB,2=CIF,3=DDP)	Whole Number (Categorical)
temporal_month	Month of the year (1–12)	Whole Number
supplier_reliability_score	Overall reliability score (0–1)	Decimal Number
selected_supplier_flag	Target variable: 1=selected, 0=rejected	Whole Number (Categorical)