

## **Big Supply Co. Data Tables Schema:**

*BigSupplyCo\_Orders.csv*

This table contains records for all created orders.

180,519 rows & 24 columns. Size: 33.1MB

<b>Order Id</b>	int64	The unique order code
<b>Order Item Cardprod Id</b>	int64	The corresponding product code generated through the RFID reader
<b>Order Customer Id</b>	int64	The corresponding customer ID associated with the order
<b>Order Department Id</b>	int64	The corresponding department ID associated with the order
<b>Market</b>	object	Geographic zone where the order will be delivered (Africa, Europe, LATAM, Pacific Asia, USCA)
<b>Order City</b>	object	The destination city for the order
<b>Order Country</b>	object	The destination country for the order
<b>Order Region</b>	object	The destination region for the order
<b>Order State</b>	object	The destination state for the order
<b>Order Status</b>	object	The corresponding order status (Complete, Pending, Closed, Pending Payment, Canceled, Processing, Suspected Fraud, On Hold, Payment Review)
<b>Order Zipcode</b>	float64	The destination zipcode for the order
<b>order date (DateOrders)</b>	object	The date on which the order was placed
<b>Order Item Discount</b>	float64	The corresponding order item's discount value
<b>Order Item Discount Rate</b>	float64	The corresponding order item's discount as a percentage of the item total
<b>Order Item Id</b>	int64	The unique order item code
<b>Order Item Quantity</b>	int64	The quantity of that item in the corresponding order
<b>Sales</b>	float64	The order value in gross sales (prior to any discount)
<b>Order Item Total</b>	float64	The total dollar value of the order (following the application of any discount)
<b>Order Profit Per Order</b>	float64	The total profit from the corresponding order (SupplyCo's final cut after backing out discounts and costs)
<b>Type</b>	object	The type of the transaction (Debit, Transfer, Payment, Cash)
<b>Days for shipping (real)</b>	int64	Actual shipping days for the corresponding order

<b>Days for shipment (scheduled)</b>	int64	Scheduled number of days for delivery of the corresponding order
<b>Delivery Status</b>	object	Delivery status for the corresponding order (Advance Shipping, Late Delivery, Shipping Canceled, Shipping on Time)
<b>Late Delivery Risk</b>	int64	Categorical variable that indicates if sending of the order is late (0 indicates shipment was sent on time; 1 indicates shipment was sent late)

#### *BigSupplyCo\_Product.csv*

This table contains a record for each of the products sold by BigSupplyCo.

118 rows & 7 columns. Size: 15KB

<b>Product Card Id</b>	int64	Unique product code (matches with Order Item Cardprod Id)
<b>Product Category Id</b>	int64	Unique category code of the corresponding product
<b>Product Description</b>	float64	A brief description of the product
<b>Product Image</b>	object	Link to a picture of the corresponding product
<b>Product Name</b>	object	The name of the corresponding product
<b>Product Price</b>	float64	The price of the corresponding product
<b>Product Status</b>	int64	BigSupplyCo's stock status for the corresponding product (0 if the product is available; 1 if the product is not available)

#### *BigSupplyCo\_Customer.csv*

This table contains a record for each of BigSupplyCo's customers.

20,653 rows & 11 columns. Size: 2MB

Data Element	Type	Description
<b>Customer Id</b>	int64	Unique customer code (matches with Order Customer Id)

<b>Customer City</b>	object	The city where the customer made the corresponding purchase
<b>Customer Country</b>	object	The country where the customer made the corresponding purchase
<b>Customer Email</b>	object	Customer's email
<b>Customer Fname</b>	object	Customer's first name
<b>Customer Lname</b>	object	Customer's last name
<b>Customer Password</b>	object	Masked customer password
<b>Customer Segment</b>	object	Type of customer on the corresponding purchase (Consumer, Corporate, Home Office)
<b>Customer State</b>	object	State where the customer made the corresponding purchase
<b>Customer Street</b>	object	Street address where the customer made the corresponding purchase
<b>Customer Zipcode</b>	float64	Zipcode where the customer made the corresponding purchase

#### *BigSupplyCo\_Department.csv*

This table contains a record for each of BigSupplyCo's department stores where customers can make a purchase.

*11 rows & 4 columns. Size: 1.5MB*

<b>Data Element</b>	<b>Type</b>	<b>Description</b>
<b>Department Id</b>	int64	Unique department code (matches with Order Department Id)
<b>Department Name</b>	object	The name of the corresponding department store
<b>Latitude</b>	float64	Latitude of the corresponding department store
<b>Longitude</b>	float64	Longitude of the corresponding department store

#### *BigSupplyCo\_Categories.csv*

This table contains a record for each of BigSupplyCo's department stores where customers can make a purchase.

*51 rows & 2 columns. Size: 883 bytes*

Data Element	Type	Description
Category Id	int64	Unique category code (matches with Product Category Id)
Category Name	object	The name of the corresponding product category

Citation for data:

Constante, Fabian; Silva, Fernando; Pereira, António (2019), "DataCo SMART SUPPLY CHAIN FOR BIG DATA ANALYSIS", Mendeley Data, V5, doi: 10.17632/8gx2fvg2k6.5