design analytics

**Case study 4**

**Walstore supermarket supplychain**

**WHAT QUESTION:**

**Supplier: What is the amount of supplies you deliver?**

**What are the products you supply?**

**What type of contracts do you have?**

**What are the goods that you produce?**

**What are the qualities of the product that you supply?**

**What are the immediate supplies to deliver?**

**What is the income for the persons involved in production process?**

**What is the labour cost for production?**

**Warehouse transporter: What is the distance between the supplier and warehouse?**

**What is the time taken to travel to warehouse?**

**What are the possible routes that you can take to reach warehouse?**

**What is the alternate option if there is a delay in transportation?**

**What is the cost for transportation to warehouse?**

**Warehouse: What is the size of the warehouse?**

**What are the items that directly reach the warehouse?**

**What will be the cost for storage?**

**What are the facilities available at warehouse?**

**Ware house to**

**Store transporter: What is the distance between the warehouse and store?**

**What is the time taken to travel to store?**

**What are the possible routes that you can take to reach store?**

**What is the alternate option if there is a delay in transportation?**

**What is the cost for transportation to store?**

**Store: What is the amount of supplies that you take?**

**What is the area of the store?**

**What are the immediate requirements of the store?**

**What are the facilities available at store?**

**Customer: What are the items you prefer to buy?**

**What is the distance between your home and supermarket?**

**WHEN QUESTION:**

**Warehouse transporter: When did the goods arrive from the supplier?**

**When will the dispatch happen to warehouse?**

**When will the products reach the warehouse?**

**When did you last service your transport vehicle?**

**When did you renew your insurance last time?**

**Warehouse: When do the warehouses receive goods from the transporters?**

**Warehouse-to-**

**store transporter: When did the goods arrive from warehouse?**

**When will the dispatch happen?**

**When will the products reach the store?**

**When did you last service your transport vehicle?**

**When did you renew your insurance last time?**

**Store: When the items will be replaced in the shelf?**

**When do the store open/close in a day?**

**When did the stores receive the goods?**

**Customer: When did you often visit the store?**

**When often do you purchase the goods?**

**When will the queries be resolved in case of complaint?**

**WHO QUESTION:**

**Supplier: Who are buyers of your product?**

**Who produces the product?**

**Who is the supply chain manager?**

**Who is the production engineer?**

**Warehouse transporter: Who transports the products to warehouse?**

**Who is the transporter?**

**Who is responsible for transportation?**

**Who are involved in transportation?**

**Warehouse-to-store transporter: Who transports the products to store?**

**Who is the transporter?**

**Who is responsible for transportation?**

**Who are involved in transportation?**

**Customer: Who are the customers?**

**Who do you contact for customer support?**

**WHERE QUESTION:**

**Supplier: Where do you prepare the goods?**

**Where do you get the machineries from?**

**Where will you buy the raw material?**

**Where is the quality of the goods checked?**

**Warehouse: Where is the warehouse?**

**Where are the goods stored?**

**Where is the cold storage facilities in the warehouse?**

**Where will you buy your equipment?**

**Store: Where is the buffer area?**

**Where are the goods stored?**

**Where is the cold storage facilities in the store?**

**Where will you buy your equipment?**

**WHICH QUESTION:**

**Warehouse transporter: Which vehicle do you use for transportation?**

**Which route do you take to reach warehouse?**

**Which kind of orders do you get first?**

**Warehouse: Which warehouse is nearest to the store?**

**Which warehouse can accommodate more supplies?**

**Which goods can keep in warehouse for long time?**

**Warehouse-to-store transporter: Which vehicle do you use for transportation?**

**Which route do you take to reach store?**

**Which kind of orders do you get first?**

**HOW QUESTION:**

**Supplier: How many contracts do you get?**

**How are the goods produced?**

**How do you get the contracts?**

**How is the quality of the stocks?**

**How often do you service the machineries?**

**Warehouse**

**transporter: How much goods the vehicle be able to transport?**

**How is the vehicle condition?**

**How often do you service the vehicle?**

**How many persons are involved in the transportation process?**

**How much is cost for transportation to warehouse?**

**How will you deliver the goods to warehouse?**

**How many checkpost do you cross between supplies and warehouse?**

**Warehouse: How many goods the warehouse can able to store?**

**How large is the warehouse?**

**How are the stocks arranged in warehouse?**

**How are the packings made for dispatch of goods for transportation?**

**How long will you keep the goods before transporataion?**

**Warehouse-to**

**Store transporter: How much goods the vehicle be able to transport?**

**How is the vehicle condition?**

**How often do you service the vehicle?**

**How many persons are involved in transportation process?**

**How much is the cost for transportation to store?**

**How will you deliver the goods to store?**

**How many checkpost do you cross between warehouse and store?**

**How are the schedules arrived at?**

**Store: How many items can be able to store?**

**How often do you keep the stocks?**

**How do you rearrange the goods in supermarket?**

**How many can manage the store?**

**How are the products arranged in store?**

**How long do transporters take to deliver the goods?**

**Customer: How long you can take to reach the supermarket from your place?**

**How is the store layout optimized?**

**How is customer satisfaction regarding the supermarket?**

**How is the customer satisfaction regarding the product that are sold?**