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Executive Summary:

Broadcloth Clothing represents a company that develops and manufactures clothing that is sold in department and chain stores. The clothing is manufactured independently all over the world. Broadcloth’s customers are the stores which order the clothing. The primary business task for Broadcloth employees is to schedule production, track the factories quality and manage the complicated international shipping requirements. Broadcloth’s most important asset is its data, which it uses to handle daily operations and allows the company to run smoothly and grow successfully.

Business Requirements:

* Track orders down to individual items and generate reports that can produce aggregate totals.
* Show production statistics summarized by style, models, colors and sizes.
* Manage inventory, the quality of each production batch, and the working condition in each factory.
* Produce reports of factory totals to determine which factories to use for similar products in the future.
* Manage shipments across borders and to different customers to minimize cost and time.
* Search for alternative solutions to correct business mistakes.

Information Subject: Shipment

Dimensions

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Date | Customer | Factory | Method | Product |
| Year | Company Name | Nation | Air/Container | Model |
| Quarter | Nation | City |  | Size |
| Month | City | Currency |  | Color |
| Week | Currency |  |  |  |
| Day |  |  |  |  |
| Facts: Shipment cost, quantity | | | | |

Information Subject: Order

Dimensions

|  |  |  |
| --- | --- | --- |
| Date | Product | Customer |
| Year | Model | Company Name |
| Quarter | Color | City |
| Month | Size | Currency |
| Week |  |  |
| Day |  |  |
| Facts: Sale Price, Order Quantity | | |

Information Subject: Production

Dimensions

|  |  |  |
| --- | --- | --- |
| Date | Factory | Product |
| Year | Nation | Model |
| Quarter | City | Size |
| Month | Currency | Color |
| Week |  |  |
| Day |  |  |
| Facts: Quantity, Quality, Cost, Delay | | |