

## Business Problem:

Customer is having manufacturing and distribution business of beauty products. Reports developed for Deals locked against various customer for different brands are maintained in Enterprise product.

Let's take an example to understand the real situation, a manufacturing company has many products which required retail or wholesale stores to sell products and this company has tie up with many retails store and locked deals to sell their products in store or online. Now each store has different demand of the product in market and their lock deals based on the quantity of the product required by some date, so that retailer or wholesaler can have continuous supply in warehouse to sell the product to end customer.

Here analyst collects demand data and create excel reports and charts for analysis. Customer wants to automate the data collections and analysis in tableau for performing analysis.

**Solutions:** Customer's developed excel report will be migrated to tableau with enhanced features to perform the analysis effectively and have global availability of reports.

## Preparation:

1. We have prepared a summary dashboard in earlier project. Now the requirements are as follows:
  - a. Deal Dashboard – Charts to be created furnishing deal by Month, Deal Inventory Details, Deal by Reporting Date and Deal by Week details
  - b. Customer Dashboard – Charts to be created furnishing Deal by Customer, Customer by Deal Qty, Deal Description by Deal Qty, Deal by Month and Deal by Week details
  - c. Finished Good Dashboard – Charts to be created furnishing FG Item Qty in Deals, FG Item in Dosage, Deal Description by Deal Qty, FG Item by Month and FG Item by Week
  - d. Bulk Dashboard – Charts to be created furnishing Bulk Item Qty in Deals, Bulk Item in Dosage, Deal Description by Deal Qty, Bulk Item by Month and Bulk Item by Week

## Data Details:

REPORT_DT	Report Date
WO_CREATE_DT	Work Order Creation Date
WO_NUM	Work Order Number
LABEL	Item Label
DEAL_NUM	Deal Identification Number
DEAL_DESC	Deal Descriptions
DEAL_QTY	Qty locked in Deal
QTY_REQ	Qty Required to be procure or manufactured for deal
FG_ITEM	Finished Good Item Number
PRIM_SUFFIX	Primary Suffix for Item to identify the Item Type
DIST_SUFFIX	Distribution Suffix for Item to identify the Distributor
PKG_SUFFIX	Packaging Suffix for Item to identify the Package
ITEM_DESC	FG Item Description
FG_ITEM_QTY	Finished Good Item Quantity
DUE_SHIP_DT	Date on which Item is due for shipping

PIPELINE_DEAL	Ongoing Deals which are still in pipeline and not locked
ORDER_STATUS	Order Status of the Deal
BULK_ITEM	Identification Number of Item which are prepared in Bulk for Deal
BULK_QTY	Bulk Qty locked in Deal
MFGID	Manufacturing Identification
LOCATION	Locations of Items
SCHEDULE_DT	Schedule date on which Item need to be ready
INITIAL	Item Initials for identification
CUST_SEGMENT	Segment of the Customer like Medical Retails or Glossary Retailer or Glossary Wholesaler
COMMENTS	Comments mentioned for any item per deal
DEAL_PRICE	Deal Price per item
MONTH	Month
YEAR	Year
INITIAL_DFU	Item Initials for identification
DISPLY_PIPELINE	Item is Prepared (Display) or Preparing (Pipeline)
WK_DEAL_INV	Weekly Inventory of the deal
WK_DEAL_QTY	Weekly Item quantity of the deal
CUSTOMER	Customer Name
WK_NUMBER	Week Number
DC_TGT_DUE_DT	Target Due Date
FG_AVAIL_DT	By when FG Item is available
BULK_AVAIL_DT	By when Bulk Item is available
BULK_MFG	Bulk Item Manufacturing Location ID
FG_AVAIL_WK	By when FG Item is available Week details
BULK_AVAIL_WK	By when Bulk Item is available Week details
FG_WK_YEAR	By when FG Item is available Year details
BULK_WK_YEAR	By when Bulk Item is available Year details
DEAL_WK_YEAR	Deal locked in week and year
FG_WK_OF	Finished Good Week Details
BULK_WK_OF	Bulk Item Week Details
WK_START_OF	Week Start by Date
ACC_DNA_AFTR_SCH	Account Details
DEAL_BRAND	Brand Name
DOSAGE	In take type for item
BRAND	Brand
WO_STATUS	Order Number for work to be done
CHANNEL	From which channel Deal locked
PKG_ENVIRONMENT	Packing Environment
BULK_DESC	Bulk Item Description
DFU	Long Item Name