International Lead Time Qlik Sense Code

```
Prod_Temp:
LOAD
*
FROM [lib://Supply Chain Data Files/SCA/Europe/Fair Share/Fair_Share_Prod_Stage.qvd]
(qvd)
Where not IsNull(Batch);


Concatenate
LOAD
   Batch,
   Material,
   Plant,
   TAPPI,
   MTyp,
   "Prod./insp. memo",
   "Basic material",
   BUn,
   "Material Description",
   "MRP Controller (Materials Planner)",
   ValCl,
   MSF,
   "Order",
   Weight,
   LNF,
   "MFG Date",
   BrdQty,
   CPD,
```

```
    Who,
    "Sold-to",
    "Mill-Machine",
    Grade,
    Ton,
    Cal,
    Width,
    Wind,
    "Less than 28day lead from create or change",
    "Less than 28day lead from create",
    "Exclude AK to certain Converting plants",
    AMC,
    VMI,
    "VMI Prod",
    "Board type",
    Who1,
    "Omit from cycle report",
    "Prime SUS",
    "Roll count",
    "High level rollup"
FROM [lib://Supply Chain Data Files/SCA/Europe/Fair Share/Prod/Jan 2021 Production.xlsx]
(ooxml, embedded labels, table is Production)
Where not IsNull(Batch);



Prod:
NoConcatenate
Load
    Distinct Text(Batch) as Batch,
```

```
//     Material,
    Text(Num(Plant,'0000')) as "Mfg Mill #",
    "MFG Date",
    "Mill-Machine"
Resident Prod_Temp
Where Match(Plant, '0031', '0033')
//Group by Batch
Order by "MFG Date"
;

Drop Table Prod_Temp;

Left Join(Prod)
LOAD
    "Date" as "MFG Date",
     "Year" as "MFG Year",
     MonthYear as "MFG MonthYear",
     "YYYY-QQ" as "MFG YYYY-QQ"
FROM [lib://Production QVDs/General/QlikCalendar.qvd]
(qvd);

Ocean_Temp:
LOAD
    "Sales doc.",
    Delivery,
    "Ship-to",
    "Ship-to party",
    Material,
    "Material Number",
```

```
    "Means of Trans. ID",
    Batch,
    "Ac.GI date",
    "OrdQTY in ZTN",
    "PO NO.",
    "Net weight MTN",
    ShPt,
    "DELIVERED ZTN QTY",
    "Roll Text"
FROM [lib://Supply Chain Data Files/SCA/Europe/Fair Share/Fair_Share_Ocean_Stage.qvd]
(qvd)
Where Batch <> '';

Concatenate
LOAD
    "Sales doc.",
    Delivery,
    "Ship-to",
    "Ship-to party",
    Material,
    "Material Number",
    "Means of Trans. ID",
    Batch,
    "Ac.GI date",
    "OrdQTY in ZTN",
    "PO NO.",
    "Net weight MTN",
    ShPt,
    "DELIVERED ZTN QTY",
```

```
   "Roll Text"
FROM [lib://Supply Chain Data Files/SCA/Europe/Fair Share/Ocean/2021_01_Ocean.txt]
(txt, codepage is 28591, embedded labels, delimiter is '|', msq, header is 4 lines)
Where Batch <> '';


//Add Batch Count
Left Join(Ocean_Temp)
Load
        Batch,
   Count(Batch) as "Batch Count"
Resident Ocean_Temp
Group by Batch;



Ocean:
Load
        Text("Sales doc.") as "O/S Sales Order",
   Delivery as "O Delivery",
   "Ship-to" as "O Ship-to",
   "Ship-to party" as "O Ship-to party",
   Material as "O Material",
   "Material Number" as "O Material Number",
   "Means of Trans. ID" as "O Container Number",
   Text(Batch) as Batch,
   "Ac.GI date" as "O GI Date",
   "OrdQTY in ZTN" as "O OrdQTY in ZTN",
   "PO NO." as "O PO NO.",
```

```
   "Net weight MTN" as "O Net weight MTN" ,
   Text(ShPt) as "Ship Point #",
   "DELIVERED ZTN QTY" as "O DELIVERED ZTN QTY",
   "Roll Text" as "O Roll Text",
//Add Columns
   "Sales doc." &'|'& "Means of Trans. ID" as "O/K SO|Container",
   "Batch Count"

Resident Ocean_Temp
Where "Batch Count" = 1
;
Drop field "Batch Count";

Drop table Ocean_Temp;



//Add Ship Point Name
Left Join(Ocean)
PRD_Location:
LOAD
    Text(Plant) as "Ship Point #",
    City as "Ship Point City",

//Add Column
          "City"&'|'&Plant as "Ship Point"
FROM [lib://Production QVDs/Plant/PlantInformation.qvd]
(qvd);
```

```
KNN_1:
LOAD
    "Departure (Name)" as "Departure Port",
   Date(ATS, 'MM/DD/YYYY')as "KNN ATS",
   Date(ETA, 'MM/DD/YYYY')as "KNN ETA",
   "Sales_Order" &'|'& "Container_Number" as "O/K SO|Container"
FROM [lib://Supply Chain Data Files/SCA/Europe/Fair Share/KNN/KNN_Output_2020.xlsx]
(ooxml, embedded labels, table is Sheet1)
;



Left Join(Ocean)
Load*
Resident KNN_1;

Drop table KNN_1;

Drop Field "O/K SO|Container";

Left Join(Ocean)
LOAD
   "Date" as "KNN ATS",
    "Year" as "ATS Year",
    "Month" as "ATS Month",
    MonthYear as "ATS MonthYear",
    Quarter as "ATS Quarter"
,
FROM [lib://Production QVDs/General/QlikCalendar.qvd]
(qvd);
```

```
Left Join(Ocean)
LOAD
   "Date" as "KNN ETA",
    "Year" as "ETA Year",
    MonthYear as "ETA MonthYear",
    "YYYY-QQ" as "ETA YYYY-QQ"
FROM [lib://Production QVDs/General/QlikCalendar.qvd]
(qvd);

Left Join(Prod)
Load*
Resident Ocean;

Drop table Ocean;

Sales:
LOAD
   Text("Sales Document") as "O/S Sales Order",
   Text(Num("Sold To", '###0')) as "S Sold To"
FROM [lib://Production QVDs/SalesOrder/SalesOrderHdrTransformed.qvd]
(qvd)
//Where Exists("O/S Sales Order", "Sales Document")
;

Left Join(Sales)
LOAD
   Name as "S Sold To Name",
```

```
    Text(Num(Customer, '###0')) as "S Sold To",
    Country as "S Sold to Country"
FROM [lib://Production QVDs/Customer/CustomerInfoTransformed.qvd]
(qvd)
//Where Exists("S Sold To",  Text(Num(Customer, '###0')))
;

Left Join(Prod)
Load*
Resident Sales;

Drop table Sales;

Left Join(Prod)
LOAD * INLINE [
    "S Sold to Country", "Sold To Division"
    AU, Australia/NZ
    DE, Europe
    ES, Europe
    FR, Europe
    GB, Europe
    IT, Europe
    NL, Europe
    NZ, Australia/NZ
    CN, China
    JP, Japan
];

Left Join(Prod)
```

```
LOAD * INLINE [
   "Mfg Mill #", "Mfg Mill Name", "Mfg Mill", "Mfg Mill Zip", "Mfg Mill Country"
   0031, Macon, Macon|0031, 31206, US
   0033, 'West Monroe', West Monroe|0033, 71292, US
];

Prod_1:
Load*,
        if(isnull("O GI Date"), 'Not Containerized', 'Containerized') as "GI Status",
   if(isnull("KNN ATS"), 'Not Sailed', 'Sailed') as "ATS Status",
   if("KNN ETA" >= Today(), 'Not Delivered to Dest Port', 'Delivered to Dest Port') as "ETA Status",
   if("O GI Date" - "MFG Date" >= 45, 'Lead Time >= 45 Days', 'Lead Time < 45 Days') as "Production to Containerization Lead Time Flag"

Resident Prod
Where
        "MFG Date" <= "O GI Date" and
        "O GI Date" <= "KNN ATS" and
   "KNN ATS" <= "KNN ETA" and
   not isnull("Sold To Division");

Drop table Prod;
```