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| EPAM Systems, RD Dep. |
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# Business Description

## Business background

EquipNet is the world’s most comprehensive surplus asset management company. EquipNet, Inc. is the world leader in proactive asset management services and solutions for large and small corporations alike. It specializes in the pharmaceutical, biotech, chemical, semiconductor, aerospace, automotive, and consumer packaged goods industries, as well as many other markets. EquipNet’s vision is to revolutionize the way companies manage their surplus assets. Forward-thinking corporations such as Merck, Johnson & Johnson, Unilever, Novartis and many others use EquipNet's Cascading Model™ to maximize financial returns, meet critical deadlines, avoid unnecessary costs, and prevent health, environmental, and theft hazards associated with idle assets.

## Problems because of poor data management

Store sales are influenced by many factors, including promotions, competition, school and state holidays, seasonality, and locality. With thousands of individual managers predicting sales based on their unique circumstances, the accuracy of results can be quite varied. So the problem is to predict sales.

## Benefits from implementing a Data Warehouse

DWH will be build to enable store managers to create effective staff schedules that increase productivity and motivation. This DWH will help store managers stay focused on what’s most important to them: their customers and their teams. Other benefits of implementing DWH are:

* Data retrieval is faster within data warehouses
* Prior to loading data into the data warehouse, inconsistencies are identified and resolved.
* Data warehouses can work in conjunction with and, hence, enhance the value of operational business applications, such as, for example, CRM systems.

Dataset will be based on the following resource:

<https://community.tableau.com/docs/DOC-1236>

# Dimensions of a Business

*-OrderDim*

Will include columns OrderID, DateId, ShipModeID, CustomerId, ProductID, OrderPriority, OrderQuantity, Sales, Discount, Profit, ShipimgCost

*-CustomerDim*

CustomerId, CustomerName, RegionID

*-ManagerDim*

ManagerId, ManagerName, RegionID

*-ShipDateDim*

ShipDateId, ShipDate

*-OrderDateDim*

OrderDateID, OrderDate

*-ProductDim*

ProductId, ProductName, UnitPrice, SubCategoryID, UnitPrice

*-SubCategoryDim*

SubcategoryId, SubcategoryName, CategoryID

*-CategoryDim*

CategoryID, CategoryName

*-ShipModeDim*

ShipModeID, ShipMode

*-SegmentDim*

SegmentID, Segment

*-ProvinceDim*

ProvinceID, Province

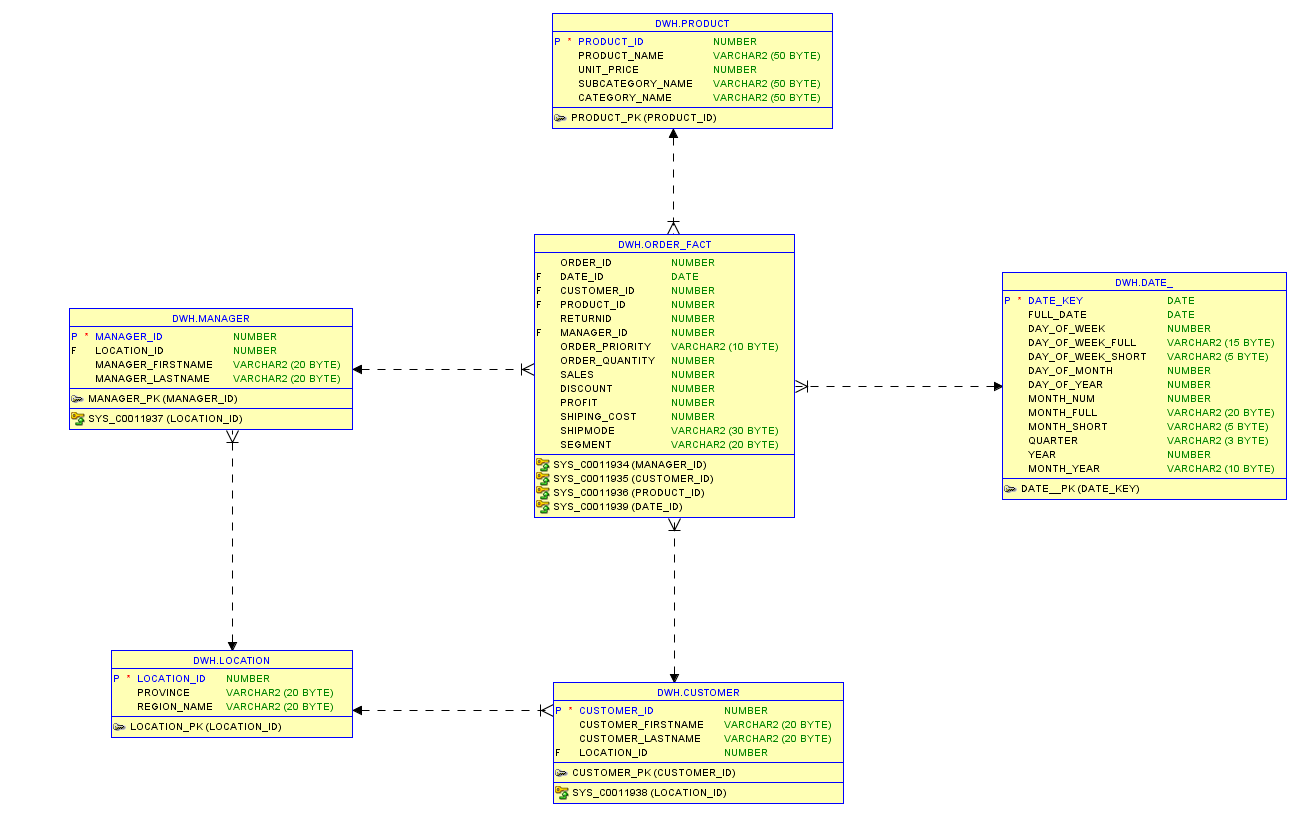
*-RegionDim*

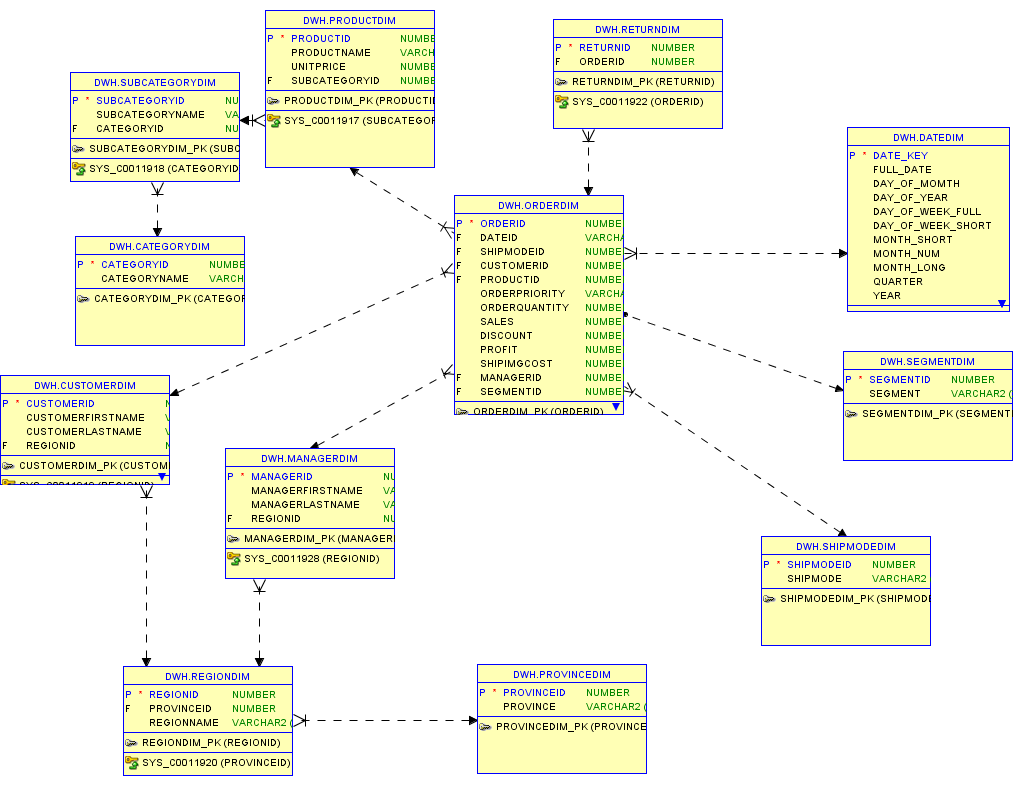
RegionID, ProvinceID, RegionName

*-ReturnDim*

ReturnID, OrderID

# Logical Scheme





# Data Flow

# Fact Table Partitioning Strategy

# Strategy of Parallel Load

# Report Layouts