

Solution to Module 2

1.

Dimension	Attributes	Hierarchies	Data Sources
SalesAgent	-	-	ERP.SalesAgent,
	<i>Sales_Agent_Id</i>		ERP.SalesAgent.Sales_Agent_Id, Lead File.Sales_Agent_Id
	<i>Sales_Agent_Name</i>		ERP.SalesAgent.Sales_Agent_Name
	<i>State</i>		ERP.SalesAgent.State
	<i>Country</i>		ERP.SalesAgent.Country
SalesClass	-	-	ERP.SalesClass,
	<i>Sales_Class_Id</i>		ERP.SalesClass.Sales_Class_Id, Lead File.Sales_Class_Id, Sales Summary.Sales_Class_Id, Cost Summary.Sales_Class_Id
Location	-	-	ERP.Location,
	<i>Location_Id</i>		ERP.Location.Location_Id, Lead File.Location_Id, Sales Summary.Location_Id, Cost Summary.Location_Id
	<i>Location_Name</i>		ERP.Location.Location_Name
Customer	-	-	ERP.Customer,
	<i>CustKey</i>		ERP.Customer.CustKey, ERP.CustLocation.CustKey, Lead File.Cust_Id
	<i>Cust_Name</i>		ERP.Customer.Cust_Name
	<i>E_Mail_Address</i>	Top Level Domain -> Second Level Domain -> Local Part	ERP.Customer.E_Mail_Address
	<i>City</i>		ERP.Customer.City
	<i>State</i>		ERP.Customer.State
	<i>Zip</i>		ERP.Customer.Zip
	<i>Country</i>		ERP.Customer.Country

	<i>Terms_Code</i>		ERP.Customer.Terms_Code
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CustLocation	-	-	ERP.CustLocation,
	<i>CustLockKey</i>		ERP.CustLocation.CustLockKey
	<i>CustKey</i>		ERP.CustLocation.CustKey
	<i>Cust_Name</i>		ERP.CustLocation.Cust_Name
	<i>E_Mail_Address</i>	Top Level Domain -> Second Level Domain -> Local Part	ERP.CustLocation.E_Mail_Address
	<i>City</i>		ERP.CustLocation.City
	<i>State</i>		ERP.CustLocation.State
	<i>Zip</i>		ERP.CustLocation.Zip
	<i>Country</i>		ERP.CustLocation.Country
MachineType	-	-	ERP.MachineType,
	<i>Machine_Type_Id</i>		ERP.MachineType.Machine_Type_Id, Cost Summary.Machine_Type_Id
	<i>Manufacturer</i>		ERP.MachineType.Manufacturer
	<i>Model</i>		ERP.MachineType.Model
Time	-	Year->Month->Day	-
	<i>Time_Id</i>		

	<i>Year</i>		ERP.Job.Contract_Date, ERP.Job.Date_Ship_By, ERP.Job.Date_Promised, ERP.SubJob.Date_Prod_Begin, ERP.SubJob.Date_Prod_End, ERP.Shipment.Actual_Ship_Date, ERP.Shipment.Requested_Ship_Date, ERP.Invoice.Date_Invoiced, ERP.Invoice.Date_Due, Lead File.Created_Date, Sales_Summary.Begin_Date, Sales_Summary.End_Date, Cost_Summary.Begin_Date, Cost_Summary.End_Date
	<i>Quarter</i>		ERP.Job.Contract_Date, ERP.Job.Date_Ship_By, ERP.Job.Date_Promised, ERP.SubJob.Date_Prod_Begin, ERP.SubJob.Date_Prod_End, ERP.Shipment.Actual_Ship_Date, ERP.Shipment.Requested_Ship_Date, ERP.Invoice.Date_Invoiced, ERP.Invoice.Date_Due, Lead File.Created_Date, Sales_Summary.Begin_Date, Sales_Summary.End_Date, Cost_Summary.Begin_Date, Cost_Summary.End_Date

	<i>Month</i>		ERP.Job.Contract_Date, ERP.Job.Date_Ship_By, ERP.Job.Date_Promised, ERP.SubJob.Date_Prod_Begin, ERP.SubJob.Date_Prod_End, ERP.Shipment.Actual_Ship_Date, ERP.Shipment.Requested_Ship_Date, ERP.Invoice.Date_Invoiced, ERP.Invoice.Date_Due, Lead File.Created_Date, Sales_Summary.Begin_Date, Sales_Summary.End_Date, Cost_Summary.Begin_Date, Cost_Summary.End_Date
	<i>Day</i>		ERP.Job.Contract_Date, ERP.Job.Date_Ship_By, ERP.Job.Date_Promised, ERP.SubJob.Date_Prod_Begin, ERP.SubJob.Date_Prod_End, ERP.Shipment.Actual_Ship_Date, ERP.Shipment.Requested_Ship_Date, ERP.Invoice.Date_Invoiced, ERP.Invoice.Date_Due, Lead File.Created_Date, Sales_Summary.Begin_Date, Sales_Summary.End_Date, Cost_Summary.Begin_Date, Cost_Summary.End_Date

	<i>Week</i>		ERP.Job.Contract_Date, ERP.Job.Date_Ship_By, ERP.Job.Date_Promised, ERP.SubJob.Date_Prod_Begin, ERP.SubJob.Date_Prod_End, ERP.Shipment.Actual_Ship_Date, ERP.Shipment.Requested_Ship_Date, ERP.Invoice.Date_Invoiced, ERP.Invoice.Date_Due, ERP.Invoice.Posting_Date, Lead File.Created_Date, Sales_Summary.Begin_Date, Sales_Summary.End_Date, Cost_Summary.Begin_Date, Cost_Summary.End_Date
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