**Module 2 – Assignment 1 – Question 1**

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| --- | --- | --- | --- |
| **Dimension** | **Attributes** | **Hierarchies** | **Data Sources** |
| SalesAgent | - | - | ERP.SalesAgent |
|  | Sales\_Agent\_Id | - | ERP.SalesAgent.Sales\_Agent\_Id, Leadfile.Sales\_Agent\_Id |
|  | Sales\_Agent\_Name | - | ERP.SalesAgent.Sales\_Agent\_Name |
|  | State | - | ERP.SalesAgent.State |
|  | Country | - | ERP.SalesAgent.Country |
| Location | - | - | ERP.Location |
|  | Location\_Id | - | ERP.Location.Location\_Id,  Sales Summary.Location\_Id,  Cost Summary.Location\_Id,  Lead File.Location\_Id |
|  | Location\_Name | - | ERP.Location.Location\_Name |
| Customer | - | - | ERP.Customer |
|  | CustKey | - | ERP.Customer.Custkey |
|  | Cust\_Name | - | ERP.Customer.Cust\_Name |
|  | E\_Mail\_Address | - | ERP.Customer.E\_Mail\_Address |
|  | City | - | ERP.Customer.City |
|  | State | - | ERP.Customer.Country |
|  | Zip | - | ERP.Customer.Zip |
|  | Country | - | ERP.Customer.Country |
|  | Phone | - | ERP.Customer.Phone |
|  | Fax | - | ERP.Customer.Fax |
|  | Terms\_Code | - | ERP.Customer.Terms\_Code |
| CustLocation | - | - | ERP.CustLocation |
|  | CustLocKey | - | ERP.CustLocation.CustLocKey |
|  | CustKey | - | ERP.CustLocation.CustKey |
|  | CustName | - | ERP.CustLocation.CustName |
|  | E\_Mail\_Address | - | ERP.CustLocation.E\_Mail\_Address |
|  | City | - | ERP.CustLocation.City |
|  | State | - | ERP.CustLocation.Country |
|  | Zip | - | ERP.CustLocation.Zip |
|  | Country | - | ERP.CustLocation.Country |
| MachineType | - | - | ERP.MachineType |
|  | Machine\_Type\_Id | - | ERP.MachineType.Machine\_Type\_Id,  Cost Summary.Machine\_Type\_Id |
|  | Manufacturer |  | ERP.MachineType.Manufacturer |
|  | Model |  | ERP.MachineType.Model |
| Time | - | Year -> Month -> Day | - |
|  | Time\_Id | - | - |
|  | Year |  | ERP.SubJob.Date\_Prod\_Begin,  ERP.SubJob.Date\_Prod\_End,  ERP.Shipment.Actual\_Ship\_Date,  ERP.Job.Contract\_Date,  ERP.Job.Date\_Ship\_By,  ERP.Job.Date\_Promised,  ERP.Shipment.Requested\_Ship\_Date,  ERP.Invoice.Date\_Invoiced,  ERP.Invoice.Date\_Due,  Sales\_Summary.Begin\_Date,  Sales\_Summary.End\_Date,  Lead File.Created\_Date,  Cost\_Summary.Begin\_Date,  Cost\_Summary.End\_Date |
|  | Quarter |  | ERP.SubJob.Date\_Prod\_Begin,  ERP.SubJob.Date\_Prod\_End,  ERP.Shipment.Actual\_Ship\_Date,  ERP.Job.Contract\_Date,  ERP.Job.Date\_Ship\_By,  ERP.Job.Date\_Promised,  ERP.Shipment.Requested\_Ship\_Date,  ERP.Invoice.Date\_Invoiced,  ERP.Invoice.Date\_Due,  Sales\_Summary.Begin\_Date,  Sales\_Summary.End\_Date,  Lead File.Created\_Date,  Cost\_Summary.Begin\_Date,  Cost\_Summary.End\_Date |
|  | Month |  | ERP.SubJob.Date\_Prod\_Begin,  ERP.SubJob.Date\_Prod\_End,  ERP.Shipment.Actual\_Ship\_Date,  ERP.Job.Contract\_Date,  ERP.Job.Date\_Ship\_By,  ERP.Job.Date\_Promised,  ERP.Shipment.Requested\_Ship\_Date,  ERP.Invoice.Date\_Invoiced,  ERP.Invoice.Date\_Due,  Sales\_Summary.Begin\_Date,  Sales\_Summary.End\_Date,  Lead File.Created\_Date,  Cost\_Summary.Begin\_Date,  Cost\_Summary.End\_Date |
|  | Week |  | ERP.SubJob.Date\_Prod\_Begin,  ERP.SubJob.Date\_Prod\_End,  ERP.Shipment.Actual\_Ship\_Date,  ERP.Job.Contract\_Date,  ERP.Job.Date\_Ship\_By,  ERP.Job.Date\_Promised,  ERP.Shipment.Requested\_Ship\_Date,  ERP.Invoice.Date\_Invoiced,  ERP.Invoice.Date\_Due,  Sales\_Summary.Begin\_Date,  Sales\_Summary.End\_Date,  Lead File.Created\_Date,  Cost\_Summary.Begin\_Date,  Cost\_Summary.End\_Date |
|  | Day |  | ERP.SubJob.Date\_Prod\_Begin,  ERP.SubJob.Date\_Prod\_End,  ERP.Shipment.Actual\_Ship\_Date,  ERP.Job.Contract\_Date,  ERP.Job.Date\_Ship\_By,  ERP.Job.Date\_Promised,  ERP.Shipment.Requested\_Ship\_Date,  ERP.Invoice.Date\_Invoiced,  ERP.Invoice.Date\_Due,  Sales\_Summary.Begin\_Date,  Sales\_Summary.End\_Date,  Lead File.Created\_Date,  Cost\_Summary.Begin\_Date,  Cost\_Summary.End\_Date |
| Sales Class | - | - | ERP.SalesClass |
|  | Sales\_Class\_Id |  | |  | | --- | | ERP.SalesClass.Sales\_Class\_Id,  Cost Summary.Sales\_Class\_Id ,  Sales Summary.Sales\_Class\_Id,  Lead File.Sales\_Class\_Id, | |