Solution 1

Dimensions shown in table

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| **Dimensions** | **Attributes** | **Hierarchies** | **Data Sources** |
| Customer location | Cust\_Loc\_Key, Cust\_Name  Location  E\_Mail\_Address  Terms\_Code | Country, State, City  Country, Zip  Top level, second level domains | CustomerLoc table in ERP |
| Customer | Cust\_Key, Cust\_Name  Location,  E\_Mail\_Address,  Terms\_Code | Country, State, City  Country, Zip  Top level, second level domains | Customer table in ERP |
| Location | Location\_Id, Location\_Name |  | Location table in ERP |
| Machine type | Machine\_Type\_Id, Manufacturer, Model, Rate\_Per\_Hour, Number\_Of\_Machines |  | MachineType table in ERP |
| Sales agent | Sales\_Agent\_Id, Sales\_Agent\_Name,  Location | State, country | SalesAgent table in ERP |
| Sales class | Sales\_Class\_Id, Sales\_Class\_Desc |  | SalesClass table in ERP |
| Time | Various dates: Date\_Invoiced, Date\_Due, Contract\_Date, Date\_Promised, Date\_Ship\_By. Date\_Prod\_Begin, Date\_Prod\_End, Actual\_Shiip\_Date, Requested\_Ship\_Date, Begin\_Date, End\_Date, Created\_Date | (Year->Month->Day, Year->Quarter, Year->Week | Date in Job, Lead, Shipment, Subjob, Invoice, FinancialCostSummary, and FinancialSalesSummary |