|  |  |  |
| --- | --- | --- |
| Data Source | Measure | Aggregation Properties |
| INVOICE | INVOICE\_AMOUNT |  |

|  |  |  |
| --- | --- | --- |
| Data Source | Measure | Aggregation Properties |
| JOB | NUMBER\_OF\_SUBJOBS | ADDITIVE |
|  | UNIT\_PRICE | NON-ADDITIVE |
|  | Quantity\_ordered | Additive |
|  | Quotation\_amount | Additive |
|  | Quotation\_ordered | additive |

|  |  |  |
| --- | --- | --- |
| Data Source | Measure | Aggregation Properties |
| SUB\_JOB | COST\_LABOR | Additive |
|  | COST\_MATERIAL | Additive |
|  | COST\_OVERHEAD | Additive |
|  | QUANTITY\_PRODUCED | Additive |

|  |  |  |
| --- | --- | --- |
| Data Source | Measure | Aggregation Properties |
| SHIPMENT | ACTUAL\_QUANTITY | ADDITIVE |
|  | REQUESTED\_QUANTITY | ADDITIVE |
|  | BOXES | ADDITIVE |
|  | QUANTITY\_PER\_BOXES | ADDITIVE |
|  | QUANTITY\_PER\_PARTIAL\_BOX | ADDITIVR |

|  |  |  |
| --- | --- | --- |
| Data Source | Measure | Aggregation Properties |
| Financial Sales Summary | Actual\_units | additive |
|  | Actual\_amount | Additive |
|  | Forecast\_units | Additive |
|  | Forecast\_amount | additive |

|  |  |  |
| --- | --- | --- |
| Data Source | Measure | Aggregation Properties |
| Financial cost summary | Actual\_labor\_cost | Additive |
|  | Actual\_material\_cost | Additive |
|  | Actual\_machine\_cost | Additive |
|  | Actual\_overhead\_cost | Additive |
|  | Budget\_units | Additive |
|  | Budget\_labor\_cost | Additive |
|  | Budget\_material\_cost | Additive |
|  | Budget\_machine\_cost | Additive |
|  | Budget\_overhead \_cost | Additive |

|  |  |  |
| --- | --- | --- |
| Data Source | Measure | Aggregation Properties |
| Lead file | Quote\_qty | Additive |
|  | Quote\_price | Additive |
|  | Quote\_value | addditive |

|  |  |  |
| --- | --- | --- |
| **Cube** | Dimension | Measure |
| Invoice | TIME, CUSTOMER,  CUSTLOCATION, LOCATION, MACHINETYPE, SALES AGENT, SALE CLASS | Invoice\_amount |
| Job | Time, customer | NUMBER\_OF\_SUBJOBS |
|  | Location, machine | UNIT\_PRICE |
|  | Sales agent, class | Quantity\_ordered |
|  | custlocation | Quotation\_amount |
|  |  | Quotation\_ordered |
| subjob | Time, Sales agent, class | COST\_LABOR |
|  | Customer | COST\_MATERIAL |
|  | custlocation | COST\_OVERHEAD |
|  | Location, machine | QUANTITY\_PRODUCED |
| shipment | Time, Sales agent, class | ACTUAL\_QUANTITY |
|  | Customer | REQUESTED\_QUANTITY |
|  | custlocation | BOXES |
|  | Location, machine | QUANTITY\_PER\_BOXES |
|  |  | QUANTITY\_PER\_PARTIAL\_BOX |
| Financial Sales Summary | Time, Sales agent, class | Actual\_units |
|  | Customer | Actual\_amount |
|  | custlocation | Forecast\_units |
|  | Location, machine | Forecast\_amount |
| Financial cost summary | Time, Sales agent, class | Actual\_labor\_cost |
|  | Customer | Actual\_material\_cost |
|  | custlocation | Actual\_machine\_cost |
|  | Location, machine | Actual\_overhead\_cost |
|  |  | Budget\_units |
|  |  | Budget\_labor\_cost |
|  |  | Budget\_material\_cost |
|  |  | Budget\_machine\_cost |
|  |  | Budget\_overhead \_cost |
| Lead file | Time, Sales agent, class | Quote\_qty |
|  | Customer | Quote\_price |
|  | custlocation | Quote\_value |
|  | Location, machine |  |