# Assignment 1

ERP Data is archived every Year.

LEAD Data is never archived as a lead can turn into sale even years later.

Financial Data is archived every 5 years. We assume 7 work days a week.

| Cube | Grain | Unadjusted Size | Sparsity |
|---|---|---|---|
| JobsRevenue (50.000 Jobs/Year) | Course: Months:12 Location:10 <br> Fine : Days of Year:365 Location:10 | Course: 120 Fine: 3.650 | Course: 1 <br> Fine: 1 (7 work days / week) |
| Leads2Jobs (250.000 Leads) | Course: Months:12 SalesAgent:50 <br> Fine : Days of Year:365 SalesAgent:50 | Course:600 Fine:18.250 | Course: 1 <br> Fine:1 (7 work days / week) |
| Jobs2SubJobs2Shipments (1.250.000 Shipments/Year) | Course: Months:12 Customer.Zip codes: 300 Location:50 SalesClass: 6 <br> Fine : Days of Year:365 CustLocation: 10.000 Location:10 SalesClass:6 | Course:1.080.000 Fine:219.000.000 | Course:1 Fine: 0,006 |
| Invoice (500.000 Invoices/Year) | Course: Months:12 Customer.Zip codes: 300 Location:50 SalesClass: 6 <br> Fine : Days of Year:365 CustLocation: 10.000 Location:10 SalesClass:6 | Course:1.080.000 Fine:219.000.000 | Course:0,46 Fine: 0,002 |
| Jobs2SubJobs2Invoices (500.000 Invoices/Year) | Course: Months:12 Machine Type: 10 Location:50 SalesClass: 6 <br> Fine : Days of Year:365 Machine Type: 10 Location:10 SalesClass:6 | Course:36.000 Fine:1.314.000 | Course:1 Fine: 0,38 |
| Sales2Costs (5.400 Costs Summaries) | Course: Months:12 Location:50 SalesClass: 6 <br> Fine : Days of Year:365 Location:10 SalesClass:6 | Course:3.600 Fine:21.900 | Course:1 Fine: 0,25 |
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