2., You should specify measures, related data sources, and measure aggregation properties. Here is a template table to help structure your solution.

Data Source	**Measures**	**Aggregation Properties**
ERP – MachineType	Rate_Per_hour	Average
ERP - MachineType	Number_Of_Machines	Total
ERP-Shipment	Actual_Quantity, Requested_Quantity, Boxes, Quantity_per_box, Quantity_per_partial_box , Shipment_Amount	Total and Average
ERP – Invoice	Invoice_Amount, Invoice_quantity, Invoice_Shipped	Total and average
ERP-Job	Number_of_subjobs, unit_price, Quantity_ordered, Quotation_Amount, Quotation_Ordered	Total and average
ERP-SubJob	Cost_Labor, Cost_Material, Cost_Overhead, Machine_hours, quantity_Produced, sub_job_amount	Total and average
Lead file	Quote_Qty, Quote_Price, Quote_Value	Total and average
Financial cost	Actual_units, Actual_labor_cost,actual_ material_cost, actual_machine_cost, actual_overhead_cost, Budget_units, Badget_labor_cost, budget_material_cost, budget_machine_cost, budget_overhead_cost	Total and average
Financial sales	Actual_units, actual_amount, forecast_units, forecast_amount	Total and average

After identifying measures, you should put the dimensions from problem 1 and the measures from this problem into data cubes using this template table.

Cube	Dimensions	Measures
Invoice_trends	Customer, SalesAgent, location, customerLocation, Leadfile	Invoice_Amount, Invoice_quantity, Invoice_Shipped, Quote_Qty, Quote_Price, Quote_Value
Job_Shipment_performance	Machine_type, CustomerLocation	Cost_Labor, Cost_Material, Cost_Overhead, Machine_hours, quantity_Produced, sub_job_amount, Number_of_subjobs, unit_price, Quantity_ordered, Quotation_Amount, Quotation_Ordered
financial_performance	CustomerLocation, Location, MachineType	Actual_units, Actual_labor_cost,actual_material_cost, actual_machine_cost, actual_overhead_cost, Budget_units, Badget_labor_cost, budget_material_cost, budget_machine_cost, budget_overhead_cost, Actual_units, actual_amount, forecast_units, forecast_amount