Business Intelligence

Hands-On Work

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TABLE DES MATIERES

Definition Part

1. Fact Tables :

⟹ **Order Fact Table :** Contains information related to orders such as order date, delivery date, customer, province, item category, absolute discount value, and order price.

⟹ **Sales Fact Table :** Contains information related to sales such as sale date, customer, province, region, item category, agent, agency, and sales.

2. Dimension Tables :

⟹ **Time Dimension :** Contains information related to time such as month, 3-month period, 6-month period, and year.

⟹ **Customer Dimension :** Contains information related to customers such as customer name, customer group, and customer ID.

⟹ **Item Category Dimension :** Contains information related to item categories such as item category name, item category ID, and sale season.

⟹ **Agent Dimension :** Contains information related to agents such as agent name and agent ID.

⟹ **Agency Dimension :** Contains information related to agencies such as agency name and agency ID.

⟹ **Province Dimension :** Contains information related to provinces such as province name and province ID.

⟹ **Region Dimension :** Contains information related to regions such as region name and region ID.

3. Bridge Tables :

⟹ **Item Category-Province Bridge Table :** Contains information related to item categories, provinces, and sale seasons.

⟹ **Customer-Agent Bridge Table :** Contains information related to customers and agents.

⟹ **Agent-Agency Bridge Table :** Contains information related to agents and agencies.

Graph Part

➢ MCD Graph :