Fact table	Representation	Measures
Loan_Fact	This fact table represents information about loans granted by the bank. It contains data about loan amounts, type, interest rates, terms, and other loan-specific attributes with each Branch.	Total loans per branch Total loan amount per loan type
Product fact	This fact table represents information about the different products and services offered by the bank, such as mortgages, investments, insurance policies, etc. It includes data about the product type, pricing, terms, and other product-specific attributes.	Total fees per product
Payment fact	This fact table represents information about payments made by customers to the bank or received by customers from the bank. It includes data about the payment amount, date, time, location, and other payment-specific attributes. It also includes data about the accounts and customers involved in each payment transaction.	Total payment amount per year Total payment amount per branch

Dimensions

Dimension Table	Representation
Time_Dim	This dimension is used to track various time-related information, such as date, day, month, quarter, year, etc. It can be used to filter and analyze data based on different time periods.
Treasury_Products_Dim	This dimension is used to track information related to different treasury products offered by the bank, such as savings accounts, money market accounts, certificates of deposit, etc. It can be used to analyze and compare different products based on their interest rates, fees, minimum balance requirements, etc.
Branch_Dim	This dimension is used to track information related to the various branches of the bank, such as branch location, address, phone number, etc. It can be used to filter and analyze data based on different branches.
Loan_Dim	This dimension is used to track information related to loans offered by the branch that made by a specific customer, such as loan type, interest rate, loan amount, start date, end date, etc. It can be used to

	analyze and compare different loans based on their terms and performance
Account_DIm	This dimension is used to track information related to bank accounts, such as account type, account balance, creation date, etc. It can be used to analyze and compare different accounts based on their performance and contains informations about the customer who have this account such as customer name,phone,address.
Payment_Dim	This dimension is used to track information related to payments made by customers in a specific branch , such as payment amount, payment date, payment method, etc. It can be used to analyze and compare different payments based on their amounts and sources.