

Model(Model, Series, Model_label)
 Country(Country, Market)
 Sales_Price(id, Model, Country, h_Time, Currency, Sales, Price, Exchange_time)
 Exchange(Exchange_time, Exchange_rate)
 Costs(Costs_id, Model, Country, Costs_time, Costs)
 Ratio_Expenses1(Series, Software_product_amortization_rate_acc_cost,
 RandD_rate_acc_cost)
 Ratio_Expenses2(Ratio_expenses2_id, Country,
 Functional_cost_allocation_rate_acc_cost,
 Business_group_headquarters_allocation_rate_acc_cost,
 Marketing_activities_provision_rate_acc_revenue)
 Ratio_Expenses3(Ratio_expenses3_id, Model_label, Country,
 After_sales_provision_rate_acc_cost)
 Regional_Expenses(Country, Expenses_time, Marketing_expenses, Labor_cost,
 Other_variable_expenses, Other_fixed_expenses)
 History(h_Time, Country, Model, Sales, Revenues, Gross_profits, Margin_profits,
 Net_income)
 Budget(h_Time, Country, Model, Sales, Revenues, Gross_profits, Margin_profits,
 Net_income)

	属性	数据类型	完整性约束
Model	Model	Varchar(50)	Primary key
	Series	Varchar(50)	References Ratio_Expenses1(Series)
	Model_label	Varchar(50)	References Ratio_Expenses3(Model_label)
Country	属性	数据类型	完整性约束

	Country	Varchar(50)	Primary key
	Market	Varchar(50)	In ('Asia', 'Africa', 'South America')
Sales_Price	属性	数据类型	完整性约束
	id	Integer	Primary key
	Model	Varchar(50)	References Model(Model)
	Country	Varchar(50)	References Country(Country)
	h_Time	Varchar(50)	In ('2025-10', '2025-11', '2025-12', '2026-01', '2026-02', '2026-03', '2026-04', '2026-05', '2026-06', '2026-07', '2026-08', '2026-09')
	Currency	Varchar(50)	In ('CHY', 'USD')
	Sales	Integer	
	Price	Decimal(10,2)	
	Exchange_time	VARCHAR(50)	References Exchange(Exchange_time); = h_Time
	属性	数据类型	完整性约束
Exchange	Exchange_time	Varchar(50)	Primary key; In ('2025-10', '2025-11', '2025-12', '2026-01',

			'2026-02', '2026-03', '2026-04', '2026-05', '2026-06', '2026-07', '2026-08', '2026-09')
	Exchange_rate	Decimal(3,2)	Not Null
Costs	属性	数据类型	完整性约束
	Costs_id	Integer	Primary key
	Model	Varchar(50)	References Model(Model)
	Country	Varchar(50)	References Country(Country)
	Costs_time	Varchar(50)	In ('2025-10', '2025-11', '2025-12', '2026-01', '2026-02', '2026-03', '2026-04', '2026-05', '2026-06', '2026-07', '2026-08', '2026-09')
	Costs	Decimal(10,2)	
Ratio_Expenses1	属性	数据类型	完整性约束
	Series	Varchar(50)	Primary key; In ('Dog', 'Cat', 'Tiger')
	Software_product_amortization_rate_acc_cost (软件产品计提)	Decimal(5,4)	
	RandD_rate_acc_cost	Decimal(5,4)	

	(项目研发计提)		
	属性	数据类型	完整性约束
Ratio_Expenses2	Ratio_expenses2_id	Integer	Primary key
	Country	Varchar(50)	References Country(Country)
	Functional_cost_allocation_rate_acc_cost (职能公摊计提)	Decimal(5,4)	
	Business_group_headquarters_allocation_rate_acc_cost (总部费用计提)	Decimal(5,4)	
Ratio_Expenses3	Marketing_activities_provision_rate_acc_revenue (市场计提)	Decimal(5,4)	
	属性	数据类型	完整性约束
	Ratio_expenses3_id	Integer	Primary key
	Model_label	Varchar(50)	References Model(Model_label) (非主键引用, 需使用 触发器)
	Country	Varchar(50)	References Country(Country)

	After_sales_provision_rate _acc_cost (售后计提)	Decimal(5,4)	
	属性	数据类型	完整性约束
	Country	Varchar(50)	References Country(Country)
Regional_Expenses	Expenses_time	Varchar(50)	In ('2025-10', '2025-11', '2025-12', '2026-01', '2026-02', '2026-03', '2026-04', '2026-05', '2026-06', '2026-07', '2026-08', '2026-09')
	Marketing_expenses (市场费用)	Decimal(10,2)	
	Labor_cost (人工成本)	Decimal(10,2)	
	Other_variable_expenses (其他变动费用)	Decimal(10,2)	
	Other_fixed_expenses (其他固定费用)	Decimal(10,2)	
History	属性	数据类型	完整性约束
	h_Time	Varchar(50)	
	Country	Varchar(50)	

	Model	Varchar(50)	
	Sales	Integer	
	Revenues	Decimal(20,2)	
	Gross_profits	Decimal(20,2)	
	Margin_profits	Decimal(20,2)	
	Net_income	Decimal(20,2)	
History	属性	数据类型	完整性约束
	h_Time	Varchar(50)	
	Country	Varchar(50)	
	Model	Varchar(50)	
	Sales	Integer	
	Revenues	Decimal(20,2)	
	Gross_profits	Decimal(20,2)	
	Margin_profits	Decimal(20,2)	

	Net_income	Decimal(20,2)	
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