

Table Name	Attribute Name	Data Type	Key Type	Nullable
Dim_Asset	Asset_ID	INT	PK	No
Dim_Asset	Symbol	VARCHAR(10)		No
Dim_Asset	Market_Type	VARCHAR(20)		No
Dim_Asset	Description	VARCHAR(255)		Yes
Dim_Market_Regime	Regime_ID	INT	PK	No
Dim_Market_Regime	Regime_Name	VARCHAR(50)		No
Dim_Market_Regime	Volatility_Index	DECIMAL(10,2)		No
Dim_Strategy_Registry	Strategy_ID	INT	PK	No
Dim_Strategy_Registry	Strategy_Name	VARCHAR(100)		No
Dim_Strategy_Registry	Logic_Description	TEXT		Yes
Dim_Strategy_Registry	Is_Active	BOOLEAN		No
Dim_Model_Metadata	Model_ID	INT	PK	No
Dim_Model_Metadata	Algorithm_Type	VARCHAR(50)		No
Dim_Model_Metadata	Version_Number	VARCHAR(10)		No
Dim_Model_Metadata	Training_Date	TIMESTAMP		No
Dim_Indicator_Library	Indicator_ID	INT	PK	No
Dim_Indicator_Library	Indicator_Name	VARCHAR(50)		No
Dim_Indicator_Library	Category	VARCHAR(30)		No
Fact_Market_Prices	Price_ID	BIGINT	PK	No
Fact_Market_Prices	Asset_ID	INT		No
Fact_Market_Prices	Timestamps	TIMESTAMP		No
Fact_Market_Prices	Open	DECIMAL(18,5)		No
Fact_Market_Prices	High	DECIMAL(18,5)		No
Fact_Market_Prices	Low	DECIMAL(18,5)		No
Fact_Market_Prices	Close	DECIMAL(18,5)		No
Fact_Market_Prices	Volume	BIGINT		Yes
Fact_Signals	Signal_ID	BIGINT	PK	No
Fact_Signals	Strategy_ID	INT		No
Fact_Signals	Price_ID	BIGINT		No
Fact_Signals	Prediction	VARCHAR(10)		No
Fact_Signals	Confidence_Score	DECIMAL(5,4)		No
Fact_Signals	Target_Price	DECIMAL(18,5)		Yes
Fact_Signals	Invalidation_Level	DECIMAL(18,5)		Yes
Fact_Trade_Results	Result_ID	BIGINT	PK	No
Fact_Trade_Results	Signal_ID	BIGINT		No
Fact_Trade_Results	Date	TIMESTAMP		No
Fact_Trade_Results	Entry_Price	DECIMAL(18,5)		No
Fact_Trade_Results	Exit_Price	DECIMAL(18,5)		No
Fact_Trade_Results	Stop_Loss	DECIMAL(18,5)		No
Fact_Trade_Results	Profit_Loss	DECIMAL(18,5)		No
Fact_Trade_Results	Holding_Period	INT		Yes
Fact_Indicator_Values	Value_ID	BIGINT	PK	No
Fact_Indicator_Values	Price_ID	BIGINT		No
Fact_Indicator_Values	Indicator_ID	INT		No

Fact_Indicator_Values	Values	DECIMAL(18,5)	No
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References	Description
	Unique identifier for the asset. The ticker symbol of the instrument. The asset class definition. Full name or descriptive notes.
	Unique identifier for the market state. Name of the specific market condition. Threshold value defining the regime.
	Unique identifier for the strategy. Official name of the trading strategy. Text explanation of the trading rules. Status flag for strategy permission.
	Unique identifier for the model file. The machine learning algorithm used. The specific version tag. Date of the last model training.
	Unique identifier for the indicator. Standard name of the indicator. Functional grouping of the indicator.
Dim_Asset(Asset_ID)	Unique identifier for the price record. The asset associated with this price. The exact time of the candle. Opening price value. Highest price value. Lowest price value. Closing price value. Total traded volume.
Dim_Strategy_Registry(Strategy_ID) Fact_Market_Prices(Price_ID)	Unique identifier for the signal. The strategy that generated the signal. The candle where the signal occurred. The predicted trade direction. The probability score from the model. The projected take profit level. The projected stop loss level.
Fact_Signals(Signal_ID)	Unique identifier for the trade result. The signal being verified. Date the trade was verified. The theoretical entry price. The theoretical exit price. The risk level used. The calculated P&L amount. Duration of the trade in minutes.
Fact_Market_Prices(Price_ID) Dim_Indicator_Library(Indicator_ID)	Unique identifier for the calculation. The price record used for calculation. The specific indicator formula used.

The numeric result of the calculation.