Database model documentation

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1. Model details

Model name:

Star Schema Data Engineering

Version:

2.4

Database engine:

PostgreSQL

Description:

2. Tables

2.1. Table FactStock

2.1.1. Columns

Column name	Type	Properties	Description
DateKey	serial		
CompanyKey	int		
TickerKey	int		
OpenPrice	money		
ClosePrice	money		
HighPrice	money		
LowPrice	money		
MarketCap	money		
Dividend	boolean		

2.2. Table DimCompany

2.2.1. Columns

Column name	Type	Properties	Description
CompanyKey	serial	PK	
CompanyName	text		
ForbesRank	int		
Headquarters	text		
Industry	text		
Sector	text		
Sales	money		
Profit	money		
Assets	money		
MarketValue	money		

2.3. Table DimTicker

2.3.1. Columns

Column name	Type	Properties	Description
TickerKey	serial	PK	
TickerSymbol	text		
Exchange	text		
Class	text		
Currency	text		

2.4. Table DimDate

2.4.1. Columns

Column name	Type	Properties	Description
DateKey	serial	PK	
TradingDay	date		
Year	int		
Month	int		
Day	int		

3. References

3.1. Reference DimCompany_FactStockPrice

DimCompany	1..*	FactStock
CompanyKey	<->	CompanyKey

3.2. Reference DimTicker_FactStockPrice

DimTicker	1..*	FactStock
TickerKey	<->	TickerKey

3.3. Reference DimDate_FactStockPrice

DimDate	0..*	FactStock
DateKey	<->	DateKey

4. Areas

4.1. Fact Table subject area

4.1.1. Tables

- FactStock

4.1.2. References

- DimCompany_FactStockPrice
- DimTicker_FactStockPrice
- DimDate_FactStockPrice

4.2. Dimensions subject area

4.2.1. Tables

- DimCompany
- DimTicker
- DimDate

4.2.2. References

- DimCompany_FactStockPrice
- DimTicker_FactStockPrice
- DimDate_FactStockPrice