

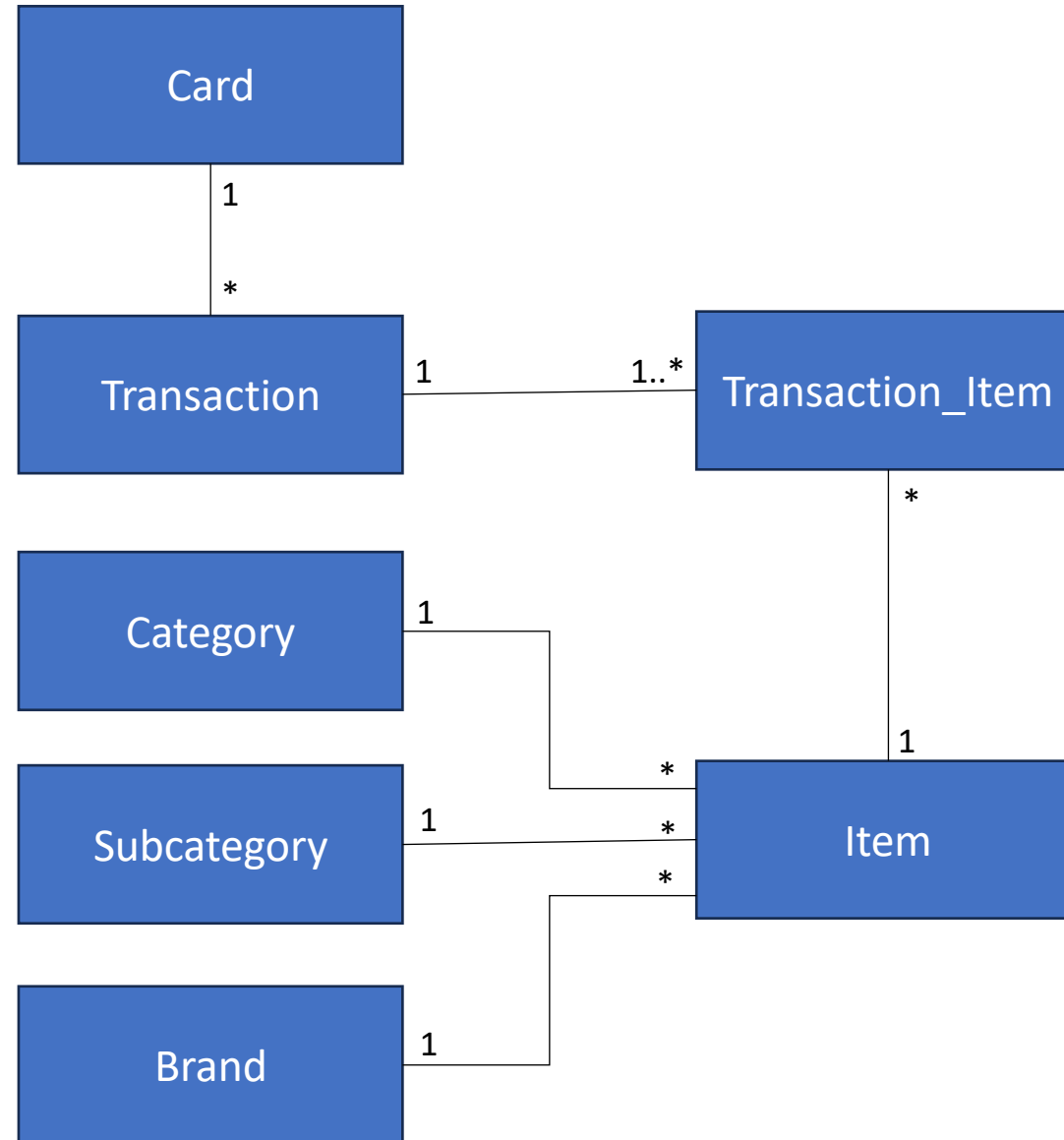
Armazéns de Dados

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Exercise's E-R Model



Example of *Transaction_Item* Data

Store	Date	Time	TransactionID	ItemNumber	ItemCode	Amount
...
S0056	20010318	1220	T10000185	1	I0000000492	59.000000
S0056	20010318	1226	T10000186	1	I0000000016	2.990000
S0056	20010318	1226	T10000186	2	I0000000174	2.490000
S0056	20010318	1226	T10000186	3	I0000000174	2.490000
S0056	20010318	1226	T10000186	4	I0000000137	4.990000
S0056	20010318	1228	T10000187	1	I0000000549	14.990000
...

Dimensional Model (DimCard)

DimCard
CardKey
CardID
City
Region
PostalCode
CardStartDate
Gender
DateOfBirth
MaritalStatus
NumChildren
YoungestChild
EffectiveDate
ExpiredDate
IsCurrent

Dimensional Model (DimItem)

DimItem
ItemKey
ItemID
ItemDescription
CategoryDescription
SubcategoryDescription
BrandDescription
UpmarketFlag
EffectiveDate
ExpiredDate
IsCurrent

Dimensional Model (DimDate)

DimDate
DateKey
FullDate
Year
Semester
Quarter
Month
MonthName
Week
DayNumberOfYear
DayNumberOfMonth
DayNumberOfWeek
DayOfWeek
Weekend

Dimensional Model (DimTime)

DimTime
TimeKey
FullTime
FullTime_int
Hour
Minute
Second
Period
LunchTime
DinnerTime

Dimensional Model (DimStore)

DimStore
StoreKey
StoreID
StoreName

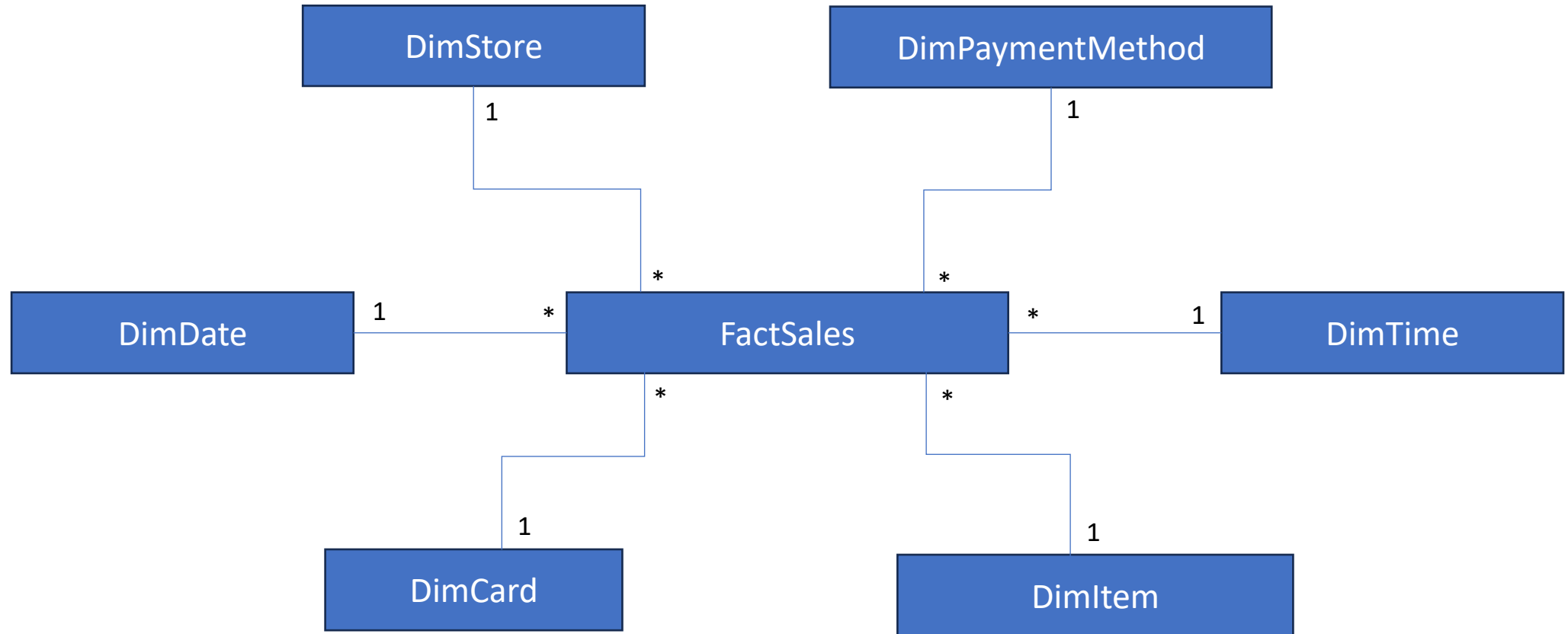
Dimensional Model (DimPaymentMethod)

DimPaymentMethod
PaymentMethodKey
PaymentMethodID
PaymentMethodDescription

Dimensional Model (FactSales)

FactSales
DateKey
TimeKey
CardKey
ItemKey
StoreKey
PaymentMethodKey
TransactionID (DD)
Amount
Quant
TotalAmount

Dimensional Model Star Schema



Dimensional Model (DimCard)

DimCard
CardKey
CardID
City
Region
PostalCode
CardStartDate Key
Gender
DateOfBirth Key
MaritalStatus
NumChildren
YoungestChild
EffectiveDate
ExpiredDate
IsCurrent

Dimensional Model Star Schema

