Sales_Fact

Field	Type	
SalesFactID 🔑	serial	
CustomerKey	integer	
InstructorKey	integer	
ClassKey	integer	
RoomKey	integer	
SubscriptionKey	integer	
ClassScheduleKey	integer	
DateKey	integer	
TimeKey	integer	
Price	decimal(10,2)	
Quantity	integer	
TotalAmount	decimal(10,2)	

Room_Rental_Fact

Field	Type	
RoomRentalFactID 🔑	serial	
RoomRentalKey	integer	
RoomKey	integer	
InstructorKey	integer	
RentalDateKey	integer	
StartTimeKey	integer	
EndTimeKey	integer	
Price	decimal(10,2)	
Quantity	integer	
TotalAmount	decimal(10,2)	

Customer_Dim

Field	Type	
CustomerSK 🔑	serial	
CustomerID	integer	
FirstName	varchar(50)	NN
LastName	varchar(50)	NN
Email	varchar(100)	NN
Phone	varchar(20)	
DateOfBirth	date	
Address	varchar(255)	
Gender	varchar(10)	
JoinDate	date	
EffectiveDate	date	
ExpiryDate	date	
IsCurrent	boolean	

Instructor_Dim

Field	Type	
InstructorSK 🔑	serial	
InstructorID	integer	
FirstName	varchar(50)	NN
LastName	varchar(50)	NN
Email	varchar(100)	NN
Phone	varchar(20)	
Specialization	varchar(100)	
HireDate	date	
Rating	decimal(2,1)	
EffectiveDate	date	
ExpiryDate	date	
IsCurrent	boolean	

Subscription_Dim

Field	Type	
SubscriptionKey 🔑	integer	
SubscriptionName	varchar(100)	NN
Price	decimal(10,2)	
Duration	integer	
NumberOfClasses	integer	
Benefits	text	

Class_Dim

Field	Type	
ClassKey 🔑	integer	
ClassName	varchar(100)	NN
Description	text	
Level	varchar(50)	
Duration	integer	
Price	decimal(10,2)	
Category	varchar(50)	

Room_Dim

Field	Type	
RoomKey 🔑	integer	
RoomName	varchar(100)	NN
Capacity	integer	NN
Location	varchar(255)	NN
Equipment	text	

ClassSchedule_Dim

Field	Type	
ClassScheduleKey 🔑	integer	
ClassID	integer	
InstructorID	integer	
RoomID	integer	
ClassDate	date	
StartTime	time	
EndTime	time	
EnrolledStudents	integer	

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