1 часть (join + все внешние ключи заменил на альтенативные из дименшена)

select top 10

o.BookingDate,

o.RentDate,

o.PlanReturnDate ,

o.FactReturnDate,

eq.Category AS [Equipment Category],

eq.Name AS [Equipment Name],

emp.FullName AS [Employee Full Name],

emp.Position AS [Employee Position],

cus.Name AS [Customer Name],

cus.Category AS [Customer Category],

ds.Type AS [Discount Type],

ds.Percentage AS [Discount]

from FctOrders o

left join DimEquipment eq on o.InventoryNumber = eq.InventoryNumber

left join DimEmployees emp on o.EmployeeNumber = emp.EmployeeNumber

left join DimCustomers cus on o.CustomerId = cus.CustomerId

left join DimDiscounts ds on o.DiscountId = ds.DiscountId

2 часть «Уточняющий запрос» (LOOKUP)

select count (1)

from [dbo].[DimCustomers]

select count (1) as Cus

from

(select distinct Category, Name, PassportNumber, PhoneNumber from [dbo].[DimCustomers]) n

select count (1)

from [dbo].[DimEquipment]

select count (1)

from

(select distinct Category, Name, RentalPrice, VendorName from [dbo].[DimEquipment]) n

select count (1)

from [dbo].[DimDiscounts]

select count (1)

from

(select distinct Type, Percentage, StartDate, EndDate from [dbo].[DimDiscounts]) n

select count (1)

from [dbo].[DimEmployees]

select count (1)

from

(select distinct PassportNumber from [dbo].[DimEmployees]) n

insert into [dbo].[FctOrders] ([EmployeeNumber],[InventoryNumber],[DiscountID],[CustomerID])

Values(

(select [EmployeeNumber] from [dbo].[DimEmployees] where [PassportNumber] = '6933F8DC-2ADC-40D5-8FAA-E7B1F4E59C40' ),

(select [InventoryNumber] from [dbo].[DimEquipment] where [Category] = 'Camp' and [Name] = 'Hammock' and [RentalPrice] = 90.36),

(select [DiscountID] from [dbo].[DimDiscounts] where [Type] = 'Unbelievable' and [Percentage] = 0.71 and [StartDate] = '2021-03-30'),

(select [CustomerID] from [dbo].[DimCustomers] where [Category] = 'Individual' and [Name] = 'Bidget Heathfield' and [PassportNumber] = '8348859F-E4FB-4119-A46F-657B107AE03D' and [PhoneNumber] = 6415182))

На выходе получается так????? Не уверен, что правильно написан source и LookUp!!!!

