

# DWBI Assignemt -01 – IT21303616- Shangeeth A

SQLQuery25.sql - ALEXSHANGEETH.MyMusic (ALEXSHANGEETH\shang (86)) - Microsoft SQL Server Management Studio

Object Explorer: ALEXSHANGEETH (SQL Server 16.0.1000.6 - Alexshangeeth\shang) > Databases (filtered) > MyMusic > Tables > Employee

SQLQuery25.sql: ALEXSHANGEETH\shang (86)

```
SELECT TOP (1000)
    [EmployeeId],
    [LastName],
    [FirstName],
    [Title],
    [ReportsTo],
    [BirthDate],
    [HireDate],
    [Address],
    [City],
    [State],
    [Country],
    [PostalCode],
    [Phone],
    [Fax],
    [Email]
FROM [MyMusic].[dbo].[Employee_IT21303616]
```

Results: 8 rows

EmployeeId	LastName	FirstName	Title	ReportsTo	BirthDate	HireDate	Address	City	State	Country	PostalCode	Phone	Fax
1	Adams	Andrew	General Manager	1	1962-02-18 00:00:00.000	2002-08-14 00:00:00.000	11120 Jasper Ave NW	Edmonton	AB	Canada	T5K 2N1	+1 (780) 428-9432	+1 (780) 428-9432
2	Edwards	Nancy	Sales Manager	1	1958-12-08 00:00:00.000	2002-05-01 00:00:00.000	825 6 Ave SW	Calgary	AB	Canada	T2P 2T3	+1 (403) 262-3443	+1 (403) 262-3443
3	Pearson	Jane	Sales Support Agent	2	1973-08-29 00:00:00.000	2002-04-01 00:00:00.000	1111 6 Ave SW	Calgary	AB	Canada	T2P 5M5	+1 (403) 262-3443	+1 (403) 262-3443
4	Park	Margaret	Sales Support Agent	2	1947-09-19 00:00:00.000	2003-05-03 00:00:00.000	683 10 Street SW	Calgary	AB	Canada	T2P 5G3	+1 (403) 262-3443	+1 (403) 262-3443
5	Johnson	Bever	Sales Support Agent	2	1965-03-03 00:00:00.000	2003-10-17 00:00:00.000	7727B 41 Ave	Calgary	AB	Canada	T3B 1Y7	+1 (780) 836-9887	+1 (780) 836-9887
6	Mitchell	Michael	IT Manager	1	1973-07-01 00:00:00.000	2003-10-17 00:00:00.000	5827 Bowness Road NW	Calgary	AB	Canada	T3B 5C5	+1 (403) 246-9887	+1 (403) 246-9887
7	King	Robert	IT Staff	6	1970-05-29 00:00:00.000	2004-01-02 00:00:00.000	590 Columbia Boulevard West	Lethbridge	AB	Canada	T1K 5N8	+1 (403) 456-9955	+1 (403) 456-9955
8	Callahan	Laura	IT Staff	6	1968-01-09 00:00:00.000	2004-03-04 00:00:00.000	823 7 ST NW	Lethbridge	AB	Canada	T1H 1Y8	+1 (403) 467-3351	+1 (403) 467-3351

Query executed successfully. ALEXSHANGEETH (16.0 RTM) ALEXSHANGEETH\shang (86) MyMusic 00:00:00 8 rows

SQLQuery19.sql - ALEXSHANGEETH.MyMusic (ALEXSHANGEETH\shang (73)) - Microsoft SQL Server Management Studio

Object Explorer: ALEXSHANGEETH (SQL Server 16.0.1000.6 - Alexshangeeth\shang) > Databases (filtered) > MyMusic > Tables > Customer

SQLQuery19.sql: ALEXSHANGEETH\shang (73)

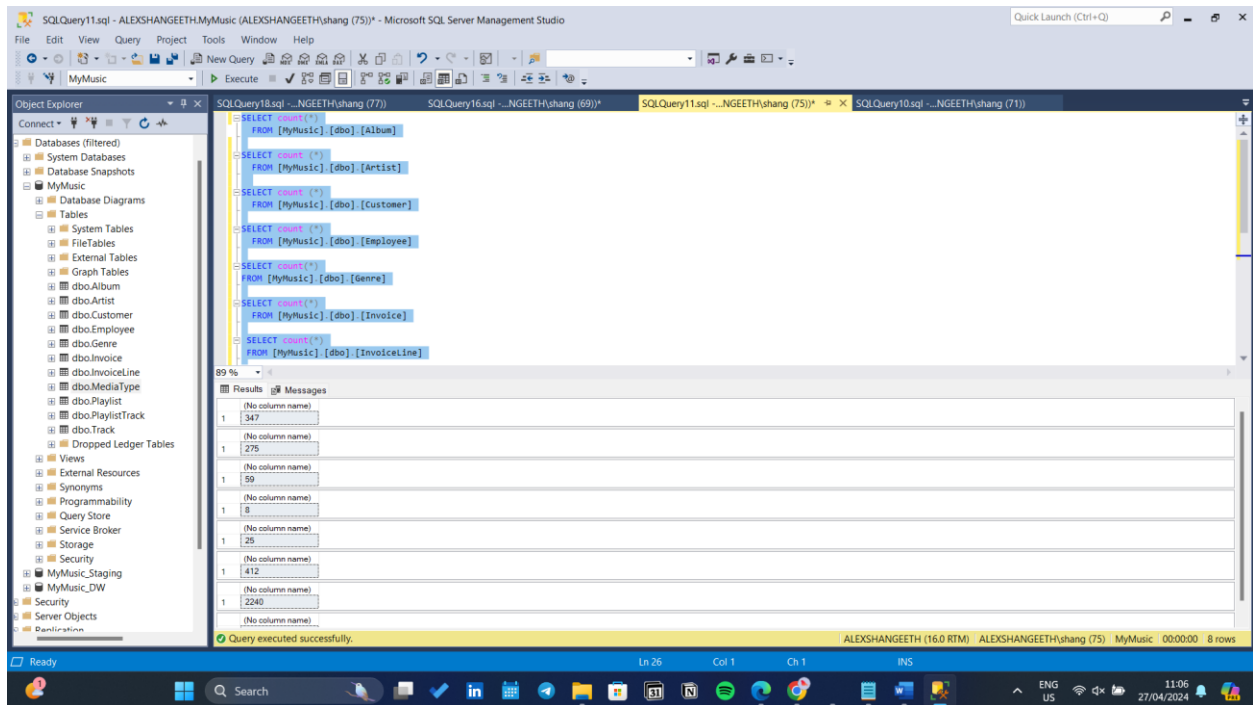
```
SELECT TOP (1000)
    [CustomerId],
    [FirstName],
    [LastName],
    [Company],
    [Address],
    [City],
    [State],
    [Country],
    [PostalCode],
    [Phone],
    [Fax],
    [Email],
    [SupportRepId],
    [ArtistId]
FROM [MyMusic].[dbo].[Customer]

SELECT TOP (1000) [ArtistId],
    [Name]
FROM [MyMusic].[dbo].[Artist]
```

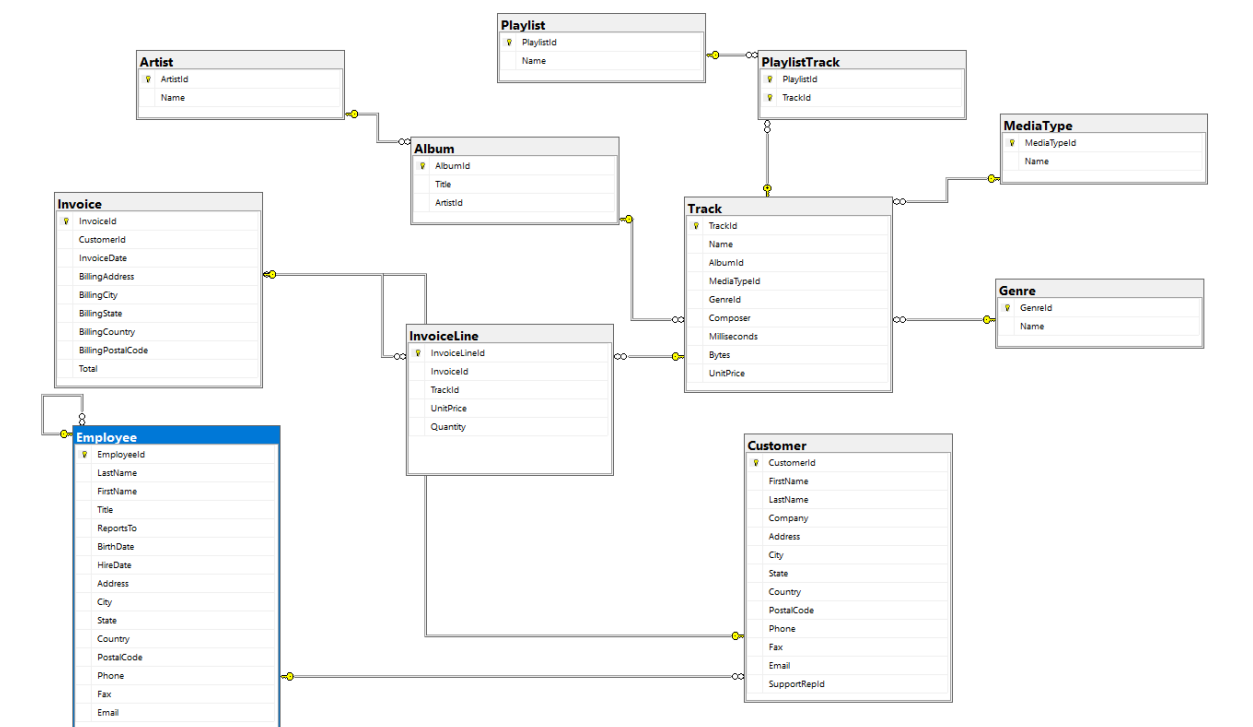
Results: 8 rows

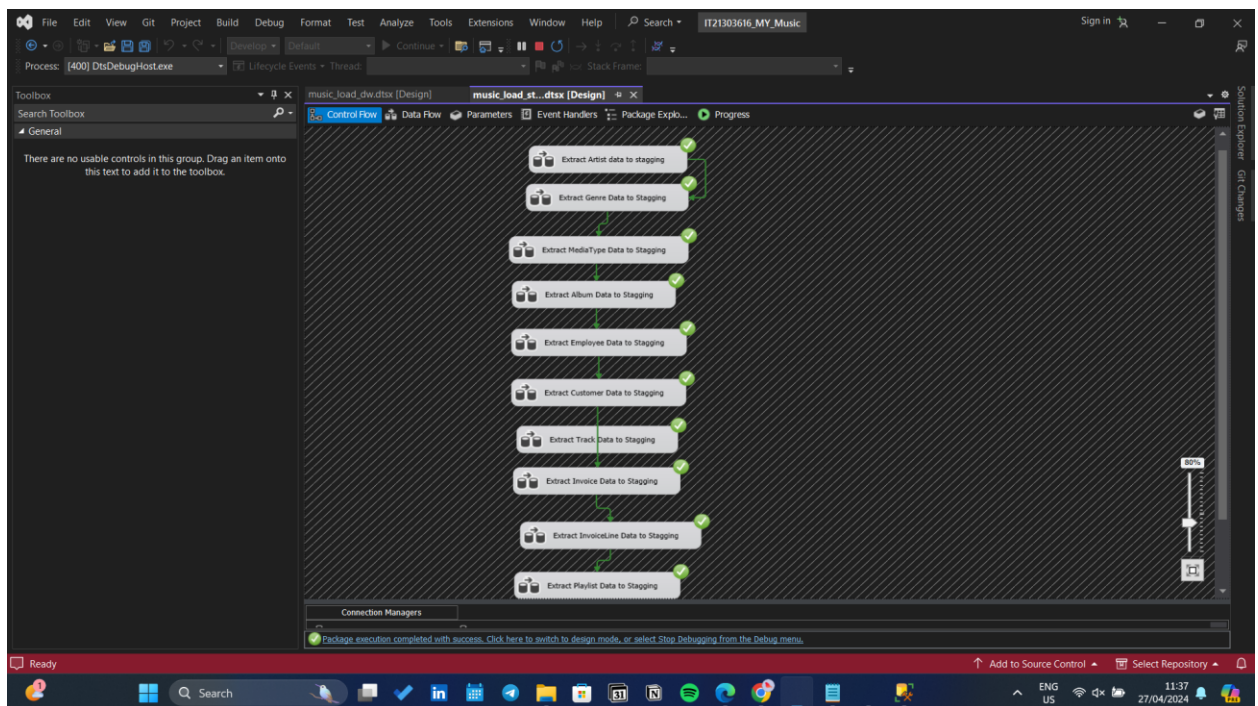
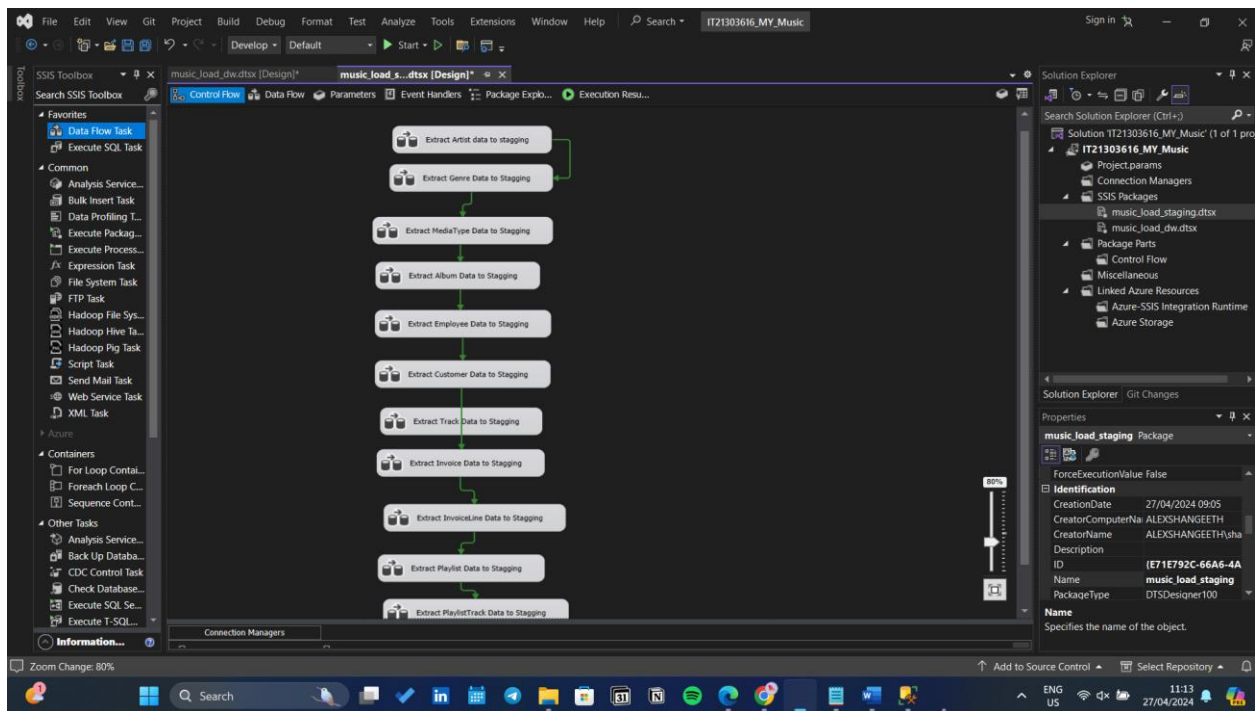
CustomerId	FirstName	LastName	Company	Address	City	State	Country	PostalCode	Phone	Fax	Email
1	Luis	Gonzales	Embraer - Empresa Brasileira de Aeronautica S.A.	Av. Brigadeiro Faria Lima, 2170	São José dos Campos	SP	Brazil	12227-000	+55 (12) 3923-5555	+55 (12) 3923-5566	luisg@embraer.com.br
2	Leonie	Köhler	NULL	Theodor-Heuss-Straße 34	Stuttgart	NULL	Germany	70174	+49 (0) 711 2842222	NULL	leonek@frembil.de
3	François	Tremblay	NULL	1490 rue Bélanger	Montréal	QC	Canada	H2G 1A7	+1 (514) 721-4711	NULL	ftrembl@frembil.com
4	Bjorn	Hansen	NULL	Ullevålsveien 14	Oslo	NULL	Norway	0171	+47 22 44 22 22	NULL	bjorn.hansen@frembil.no
5	František	Wichterle	JelBrano s.r.o.	Klanova 9506	Prague	NULL	Czech Republic	14700	+420 2 4172 5555	+420 2 4172 5555	frantisek.wichterle@frembil.cz
6	Helena	Hojny	NULL	Ribitz 37345	Prague	NULL	Czech Republic	14300	+420 2 4177 0449	NULL	hhojny@frembil.cz
7	Artid	Onuber	NULL	Rotenturmstraße 4, 1010 Inns	Vienna	NULL	Austria	1010	+43 01 5134505	NULL	artid@frembil.at

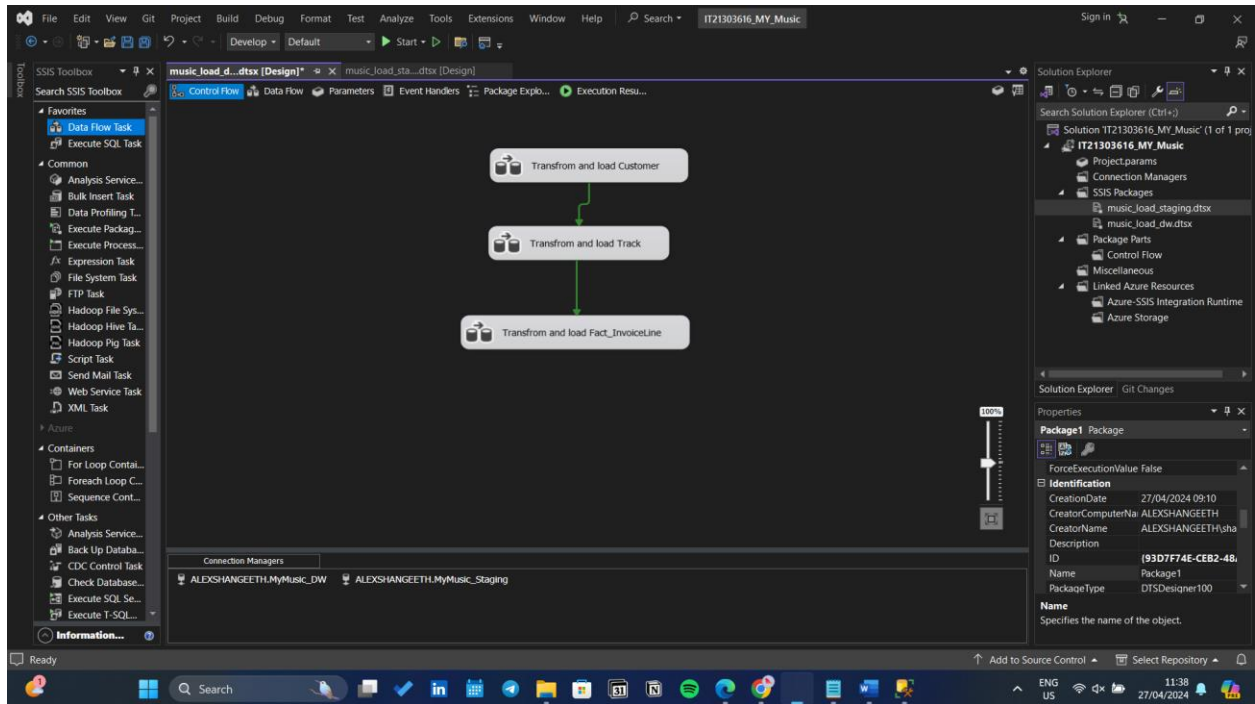
Query executed successfully. ALEXSHANGEETH (16.0 RTM) ALEXSHANGEETH\shang (73) MyMusic 00:00:00 681 rows



## Er diagram







I) What are the table(s) that cannot be used in the main model is there is any?

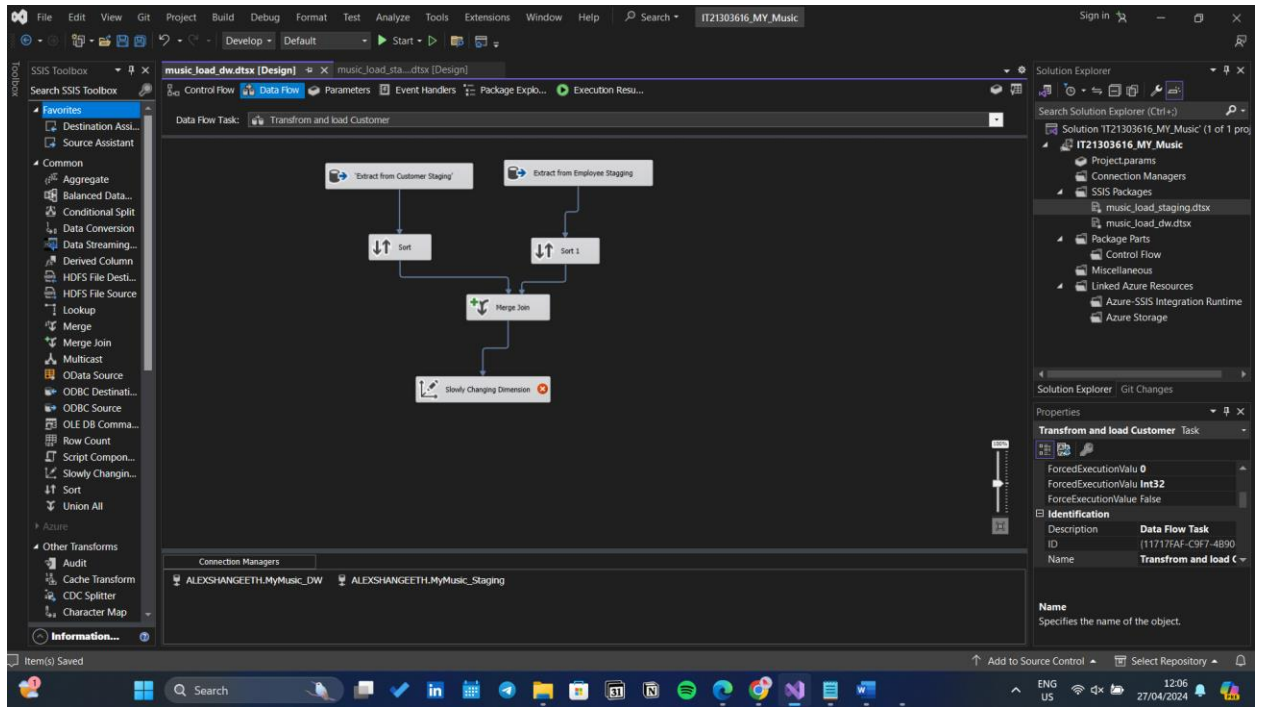
- Artist table
- Album table
- Playlist table
- playlistTrack Table
- MediaType table
- Genre table
- Employee table

II) If there are any tables, why they can't be taken into the model?

- These tables cannot be directly incorporated into the main star schema model

III) If this needed to be taken in what is the data element needed in which table it should be?

- If any of these tables need to be incorporated into the model, they could be used as dimension tables rather than being part of the fact table. For example:
- **Artist table:** Can be a dimension table related to the Track dimension, linking artists to tracks.



## Star schema

