

The Chinook data model (below) represents a digital media store, including tables for artists, albums, media tracks, invoices and customers. Chinook data model is an ER Model.

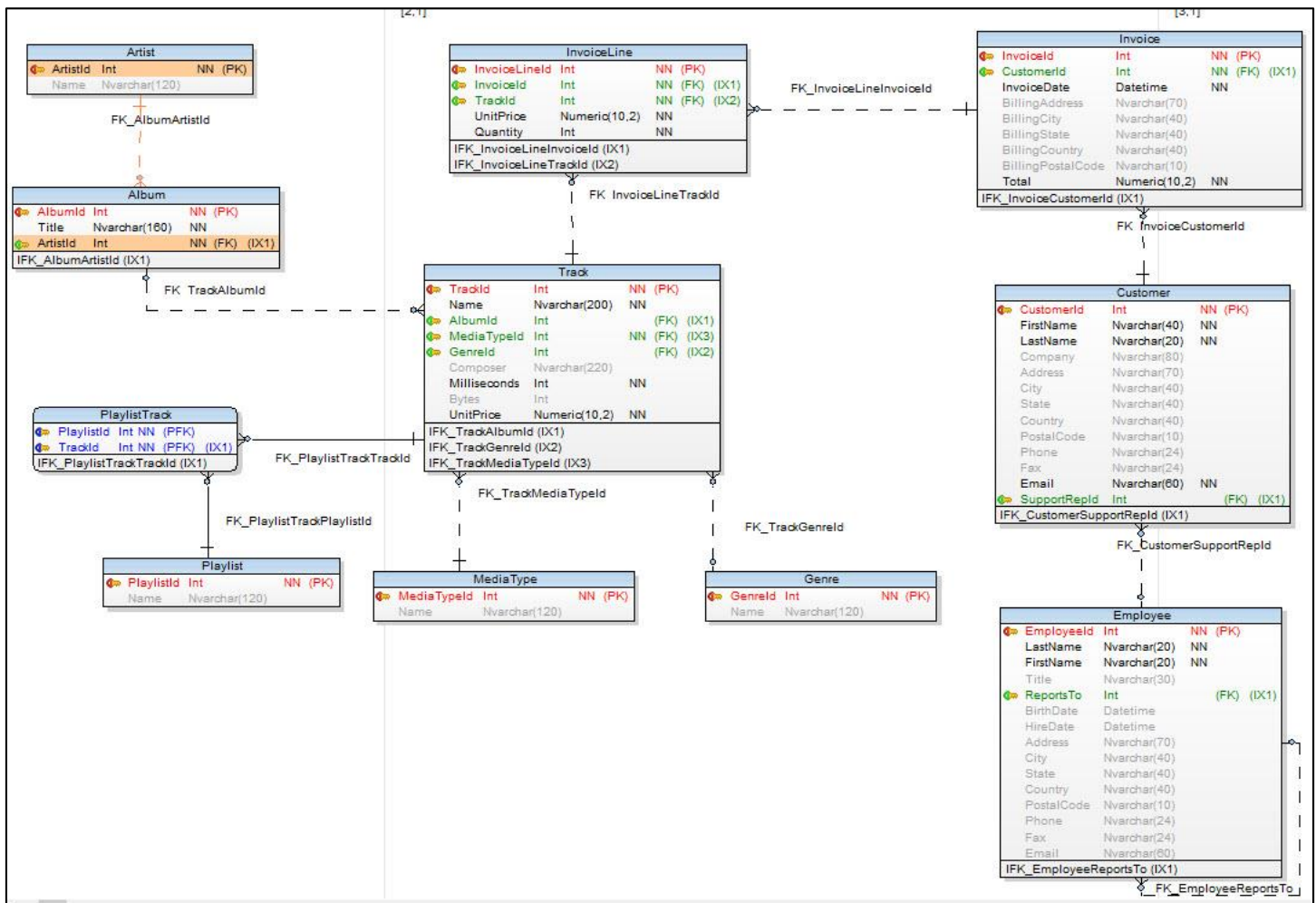


Figure 1: Chinook - System of record (SOR)

dbName	TableName	Table_Rows
chinnook	Album	347
chinnook	Artist	275
chinnook	Customer	59
chinnook	Employee	8
chinnook	Genre	25
chinnook	Invoice	412
chinnook	InvoiceLine	2,240
chinnook	MediaType	5
chinnook	Playlist	18
chinnook	PlaylistTrack	8,715
chinnook	Track	3,503

Figure 2: Chinook SOR - Tables with row counts

Deliverables:

- Convert ER Model to Dimensional Model
 - List fact(s) & dimensions
 - What tables will be combined?
 - Create date/calendar dimension
 - Create tables with surrogate SKs, NKs & FKs
 - Create geography table
 - Determine table attributes
 - Map source table(s) to target table
- Create data model in ER/Studio & upload data models
- Create DDL & create tables in following databases & upload DDL for each database:
 - SQL Server
 - MySQL
 - PostgreSQL
 - Oracle 11gR2