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Chinook: Data Model

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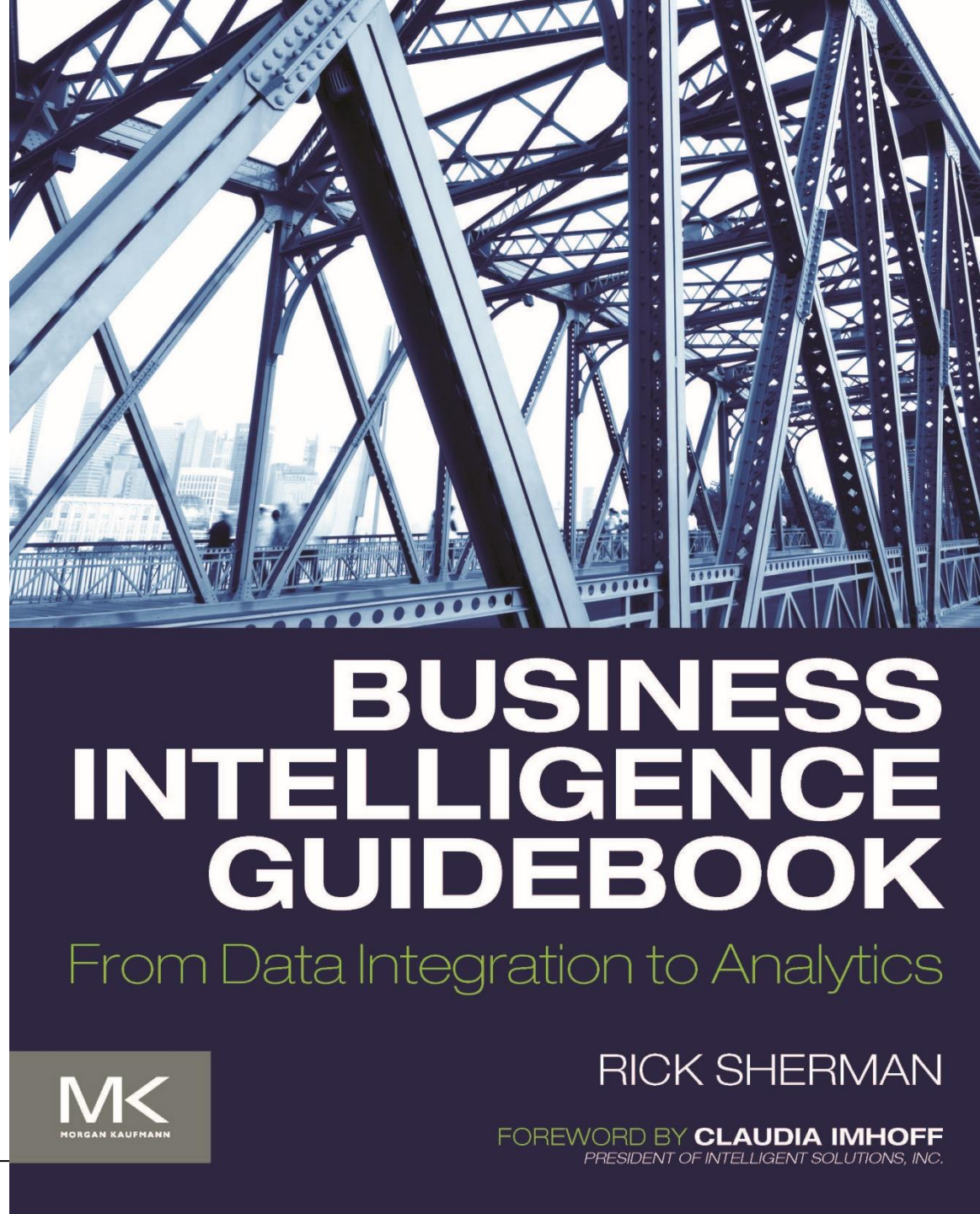

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Chinook Database

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

Chinook data model represents a digital media store, including tables for artists, albums, media tracks, invoices and customers.

Chinook data model is an ER Model.

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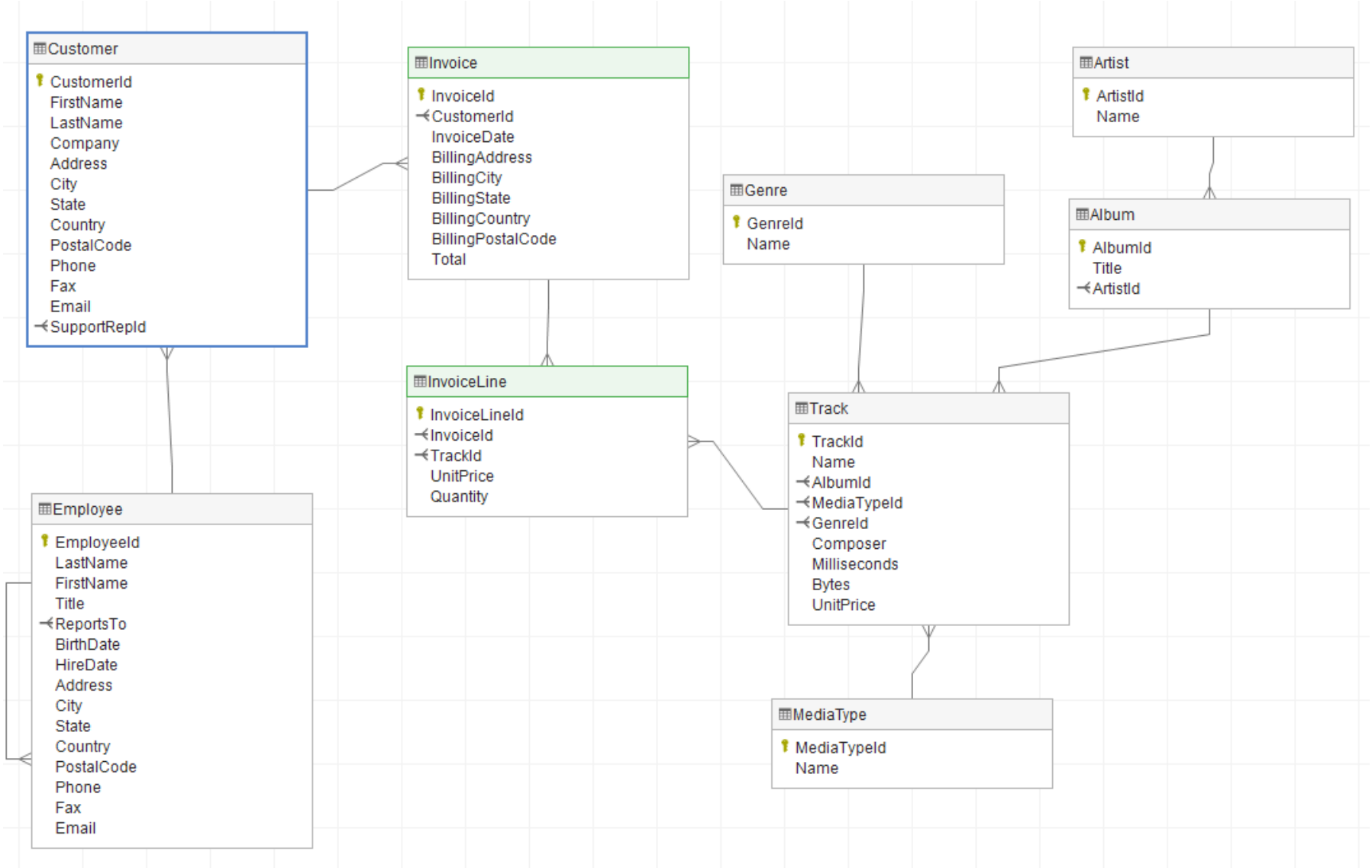
Chinook Database



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Chinook Database - Tables

- Employee table stores employee data such as employee id, last name, first name, etc. It also has a field named ReportsTo to specify who reports to whom.
- Customer table stores customers data.
- Invoice & InvoiceLine tables: these two tables store invoice data. The invoices table stores invoice header data and the invoice_items table stores the invoice line items data.
- Artist table stores artists data. It is a simple table that contains only the artist id and name.
- Album table stores data about a list of tracks. Each album belongs to one artist. However, one artist may have multiple albums.
- MediaType table stores media types such as MPEG audio and AAC audio files.
- Genre table stores music types such as rock, jazz, metal, etc.
- Track table stores the data of songs. Each track belongs to one album.
- Playlist & PlaylistTrack tables: playlists table store data about playlists. Each playlist contains a list of tracks. Each track may belong to multiple playlists. The relationship between the playlists table and tracks table is many-to-many. The PlaylistTrack table is used to reflect this relationship.

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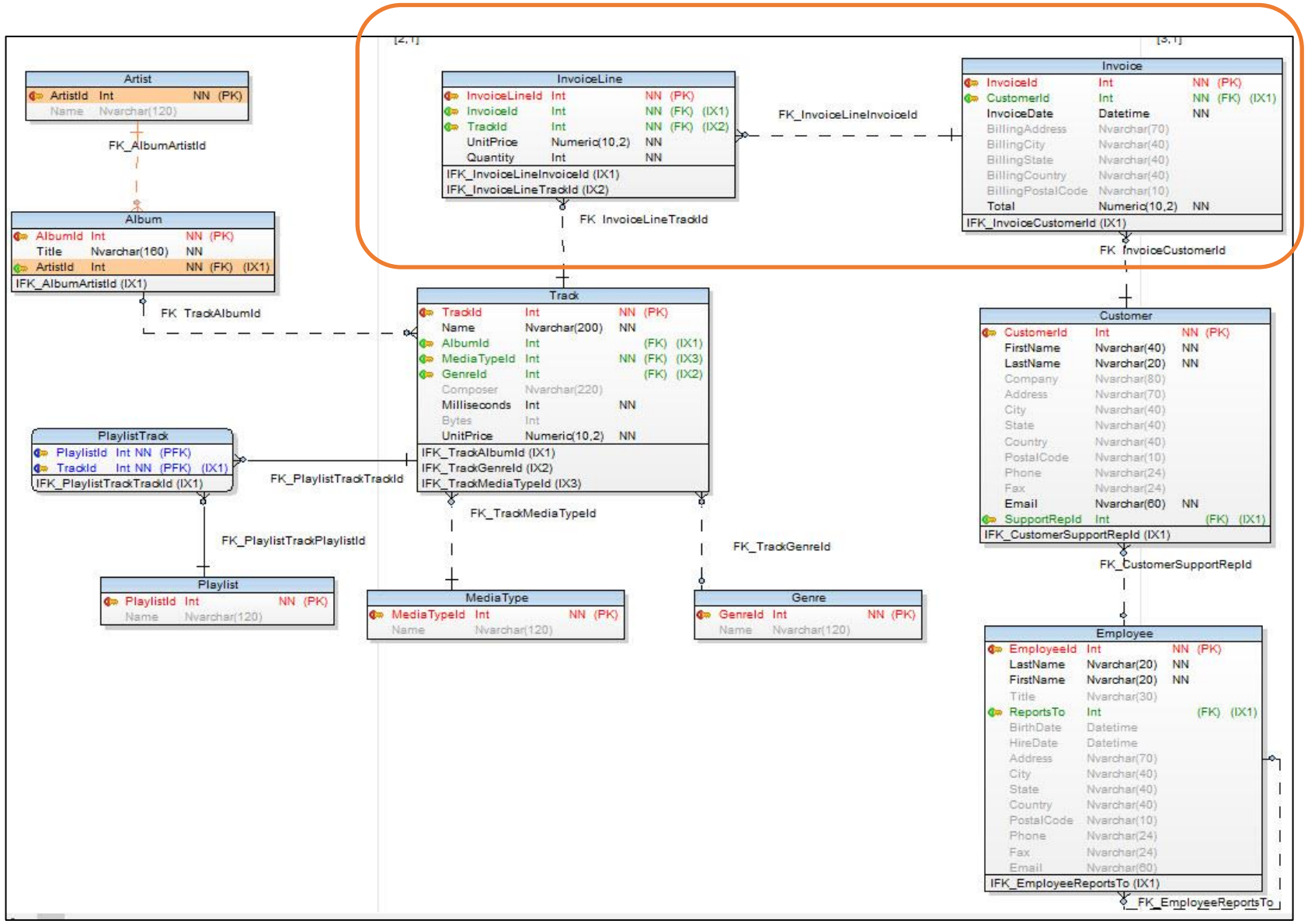
Chinook Database



This is a classic parent & child relationship.
Orders and Invoices are examples of a header row with one or many children line items.

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Chinook

Workshop Data Models (ER/Studio)

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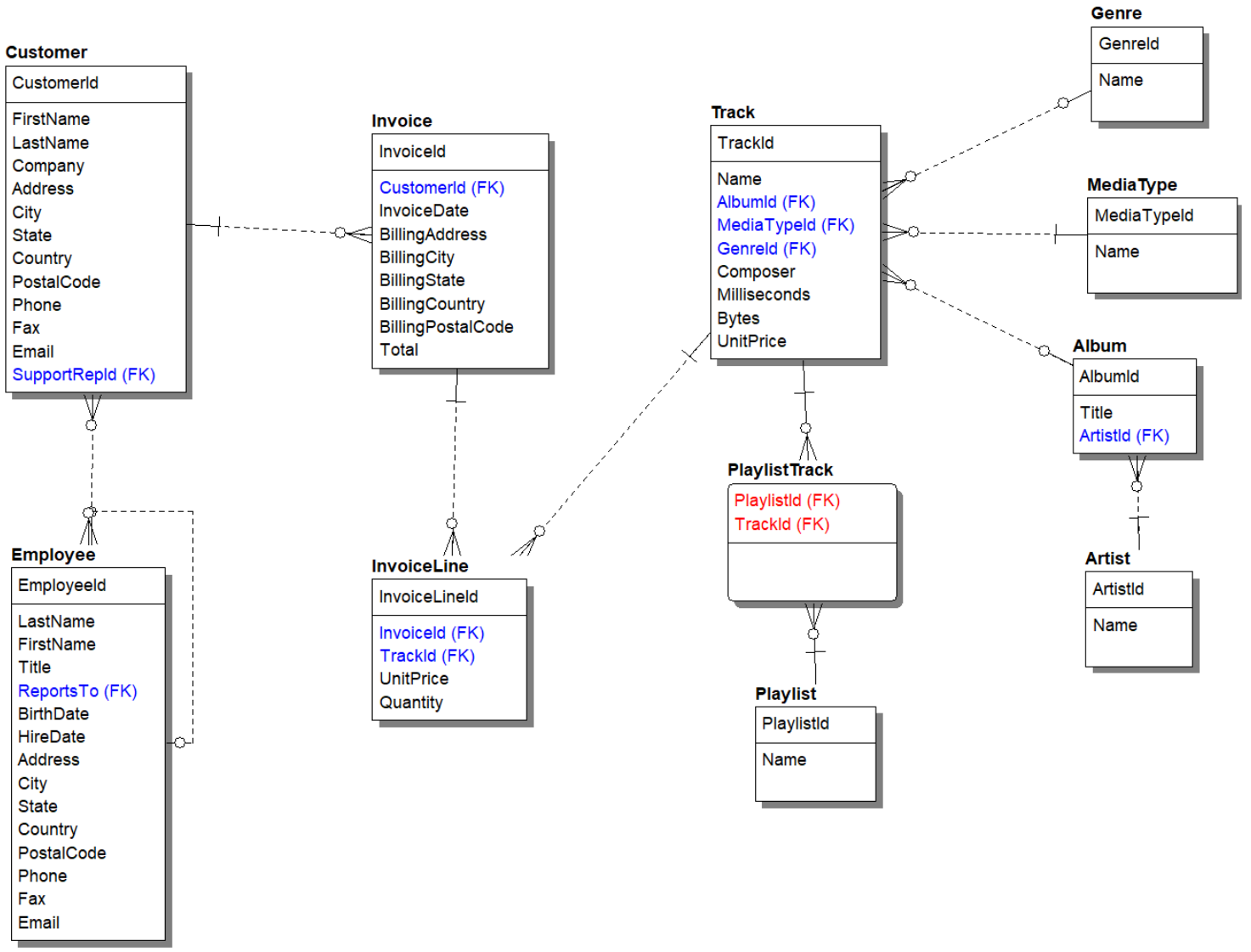
Chinook Database

Columns Only



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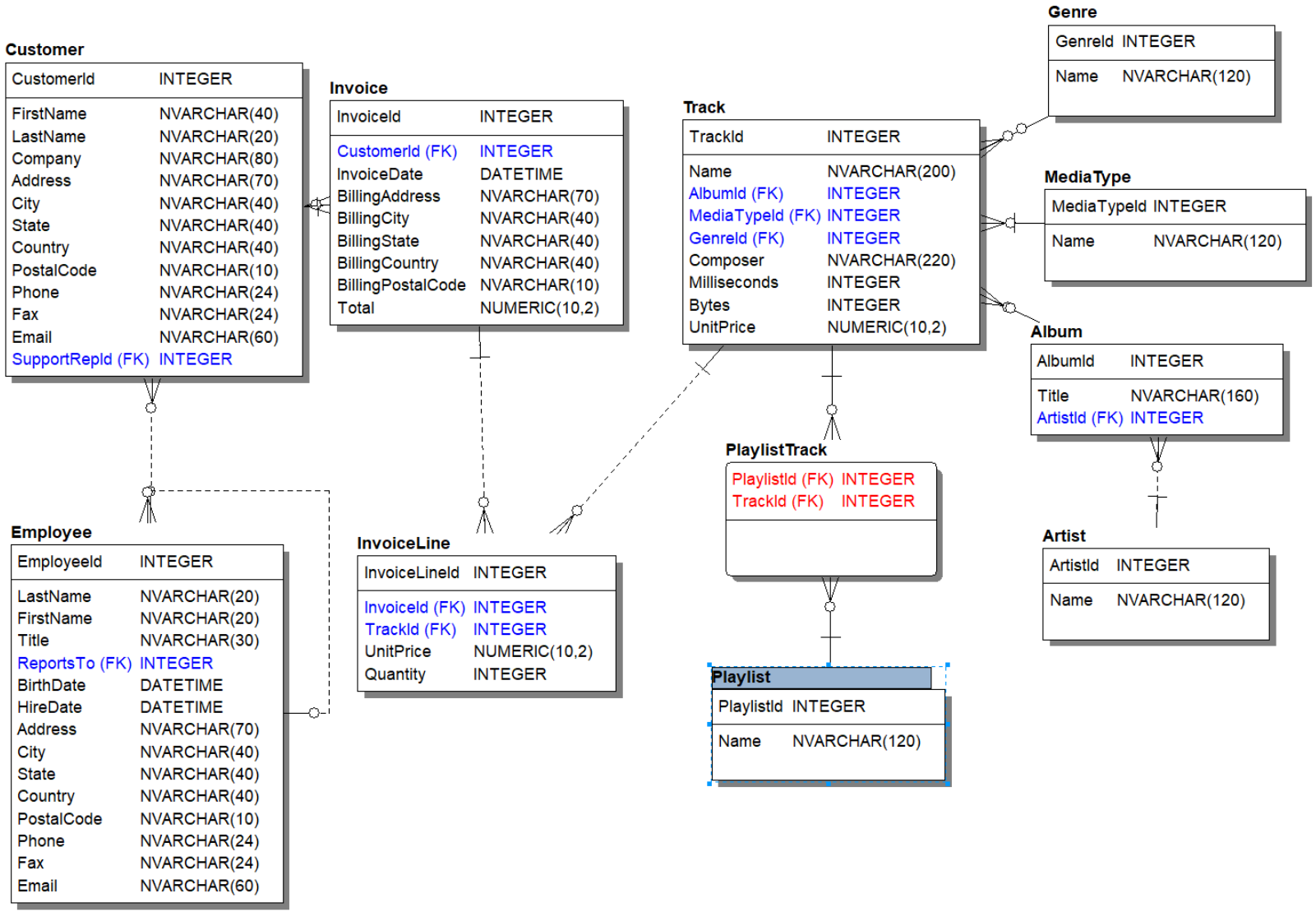
Chinook Database

Main Model



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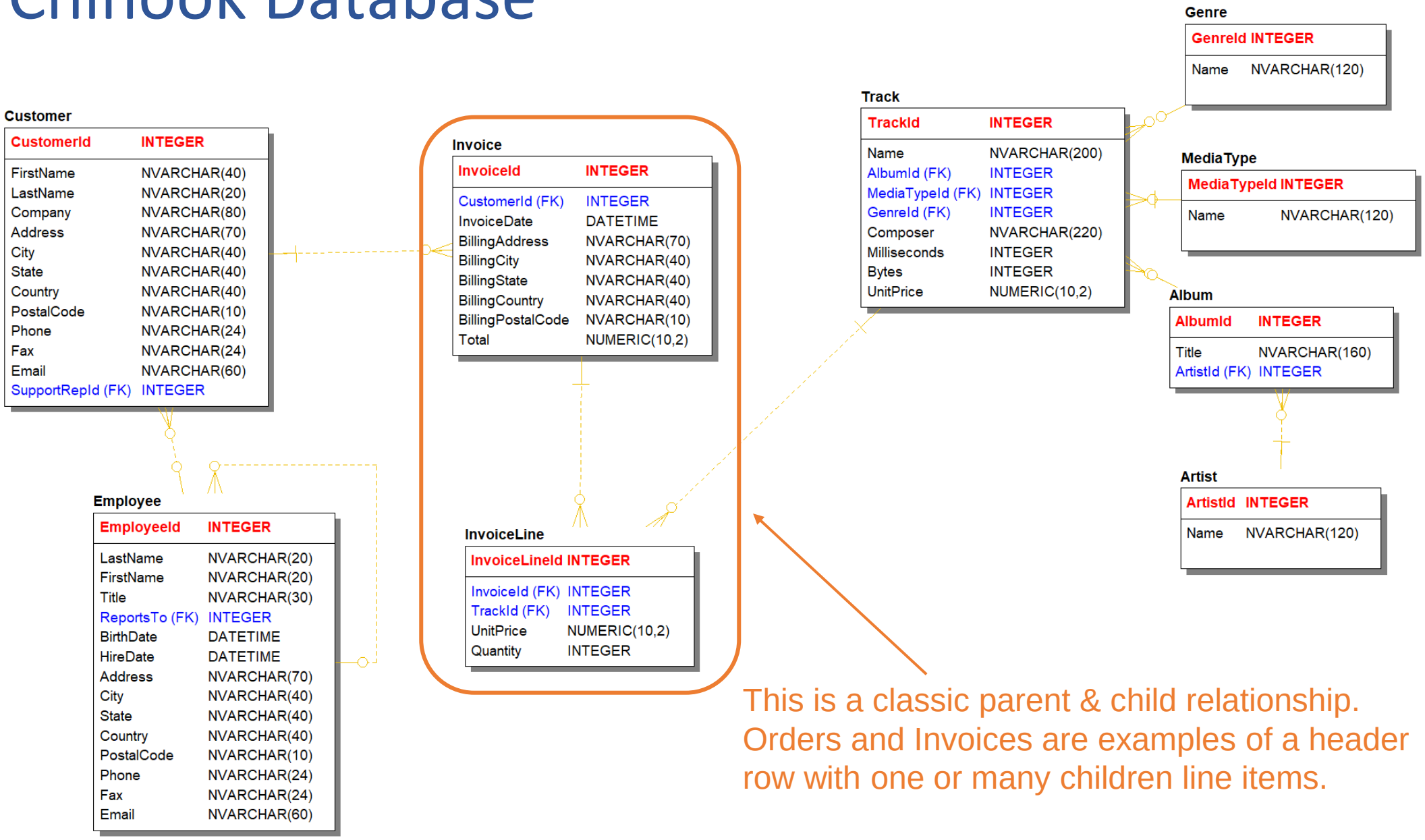
Chinook Database



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Submodel Demo

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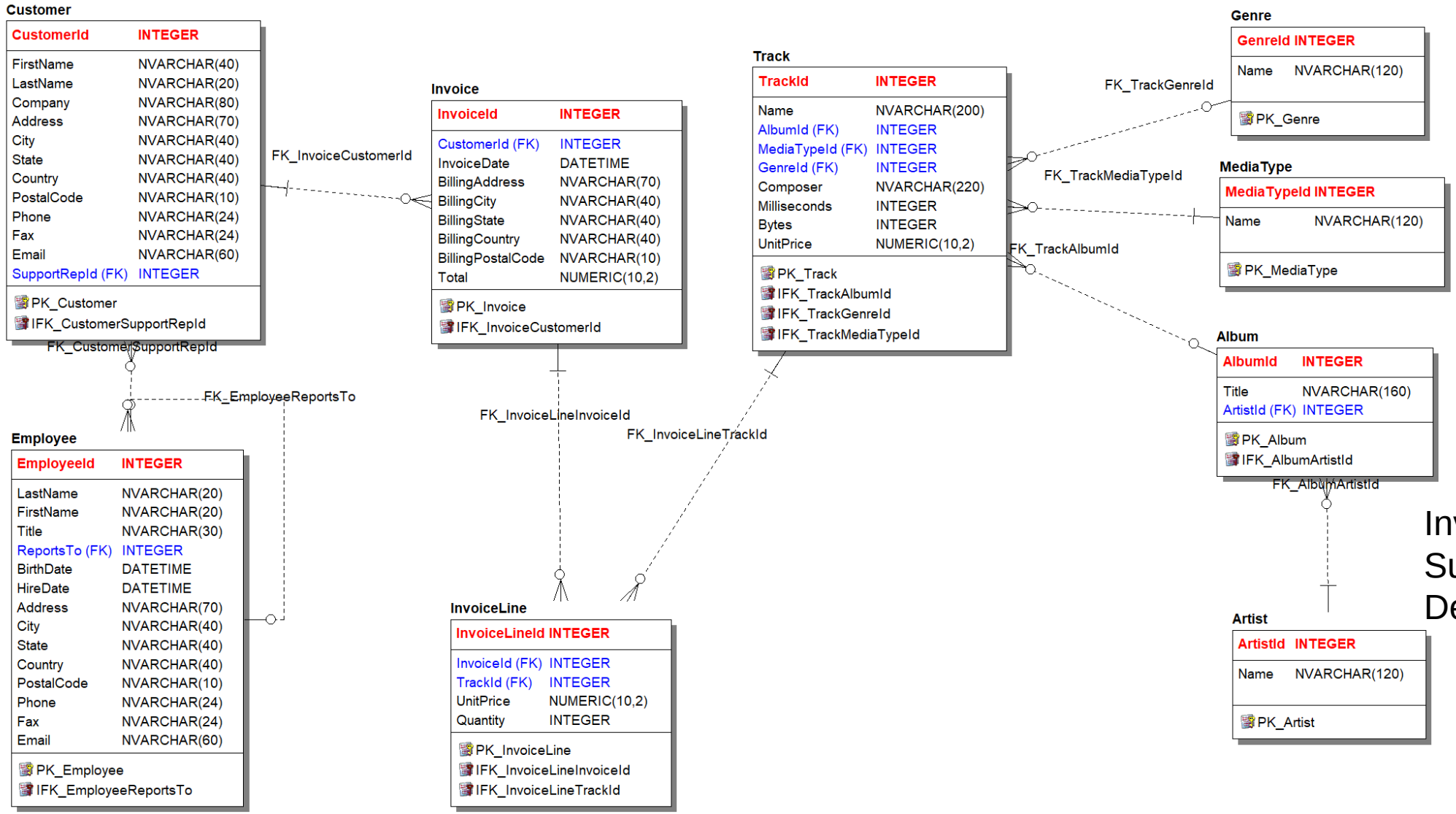
Chinook Database



Invoice Submodel Demo

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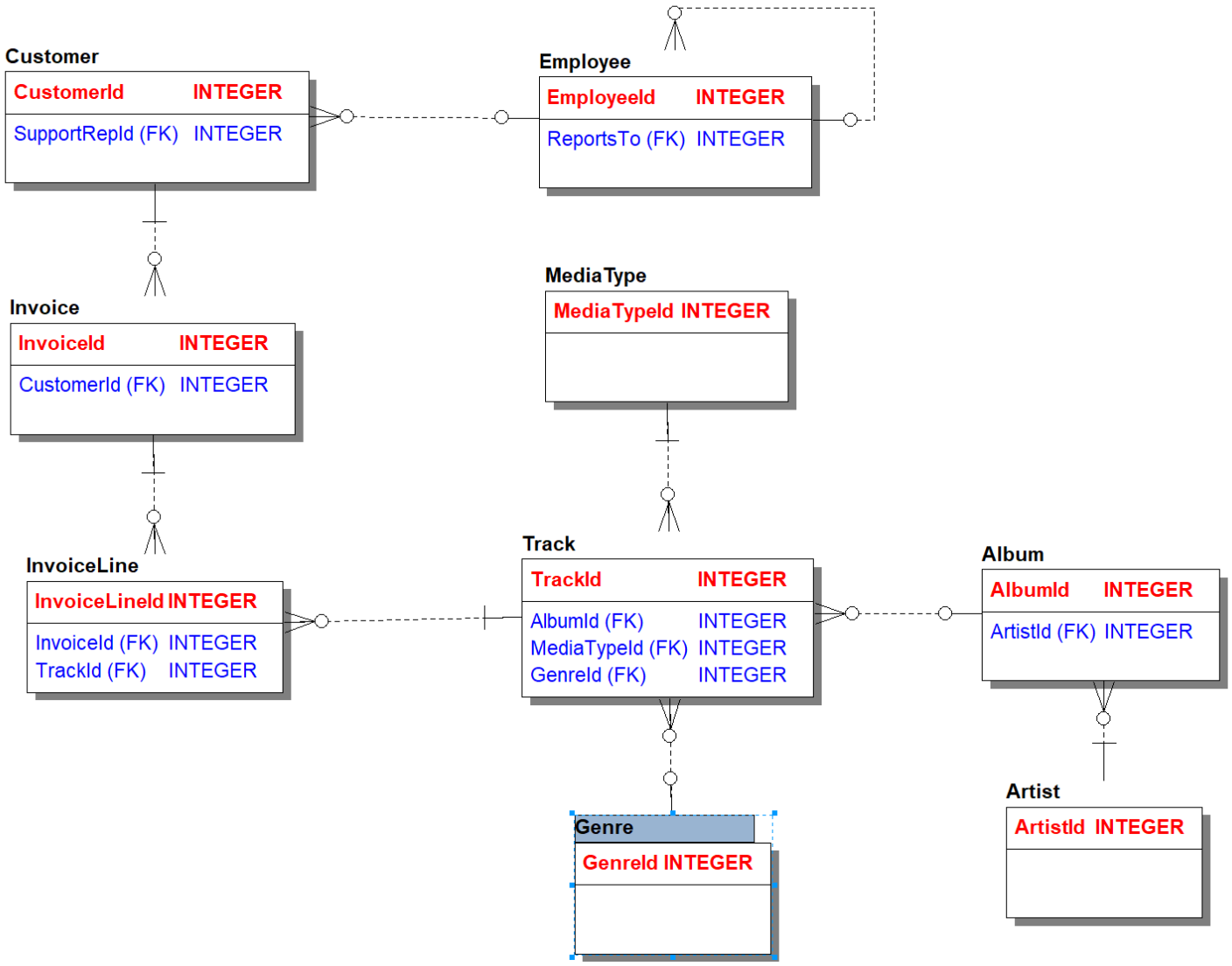

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Chinook

Workshop Data Models (Navicat)

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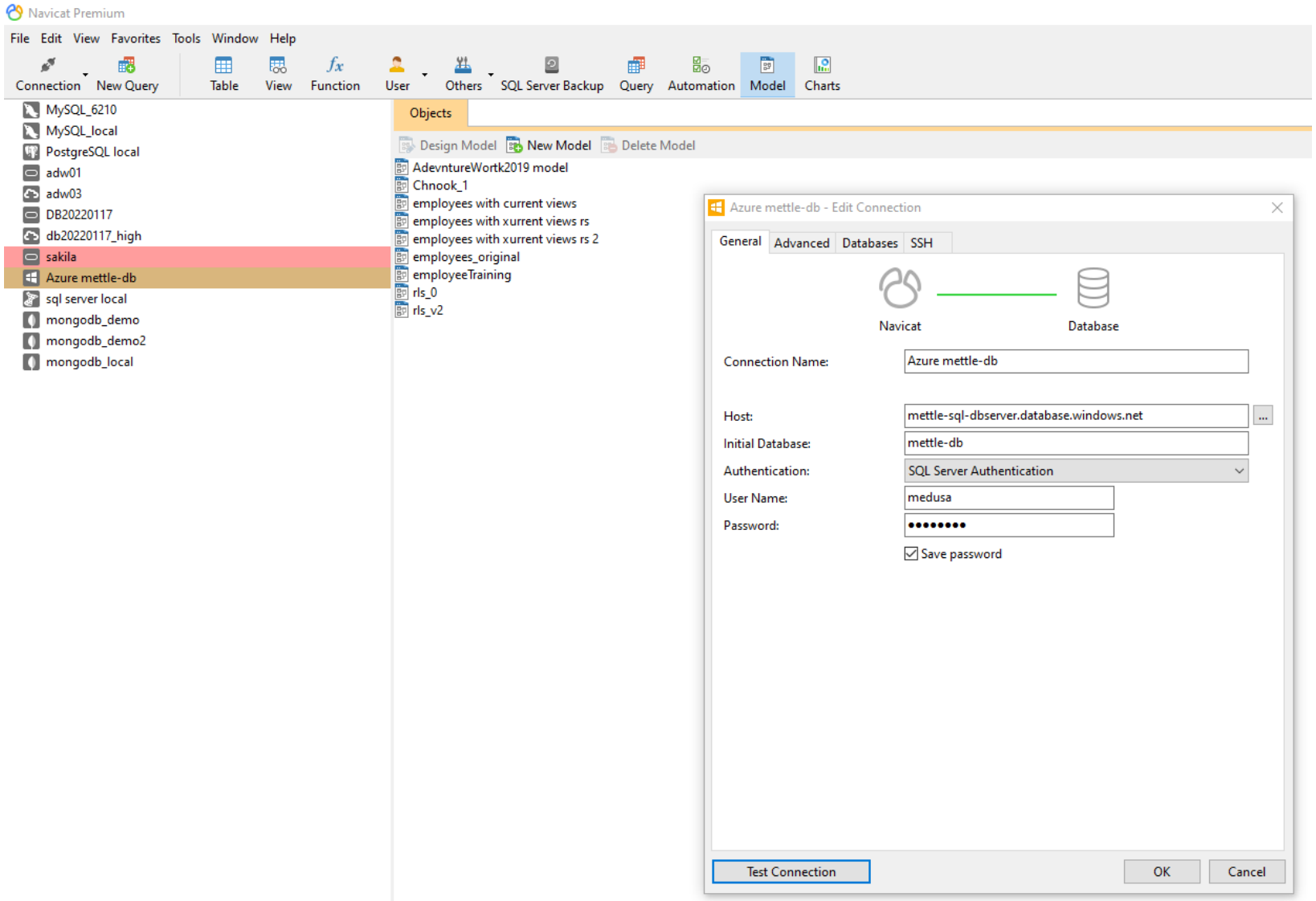
Navicat: Connetion Azure SQL



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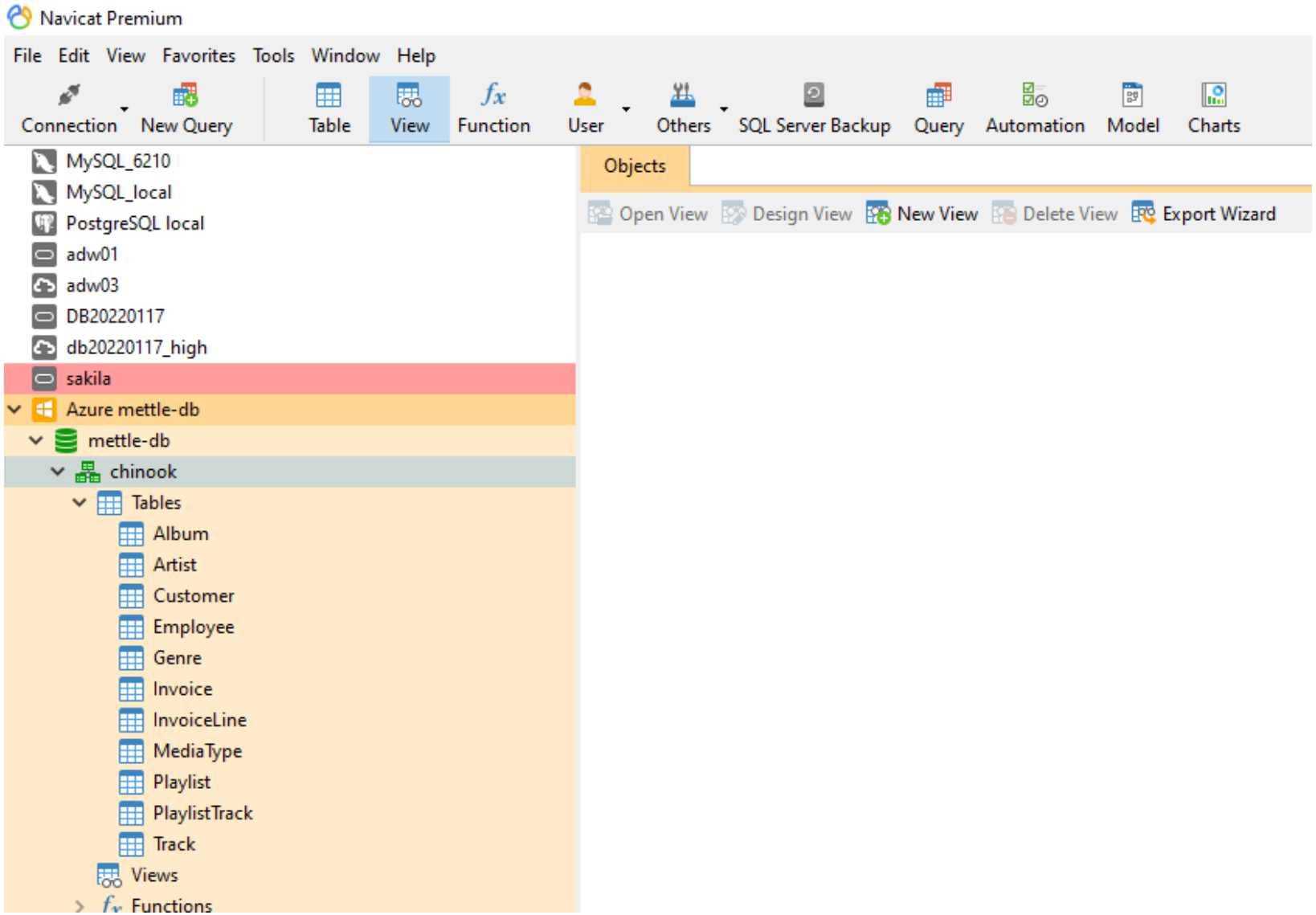
Navicat: Azure SQL Chinook Schema



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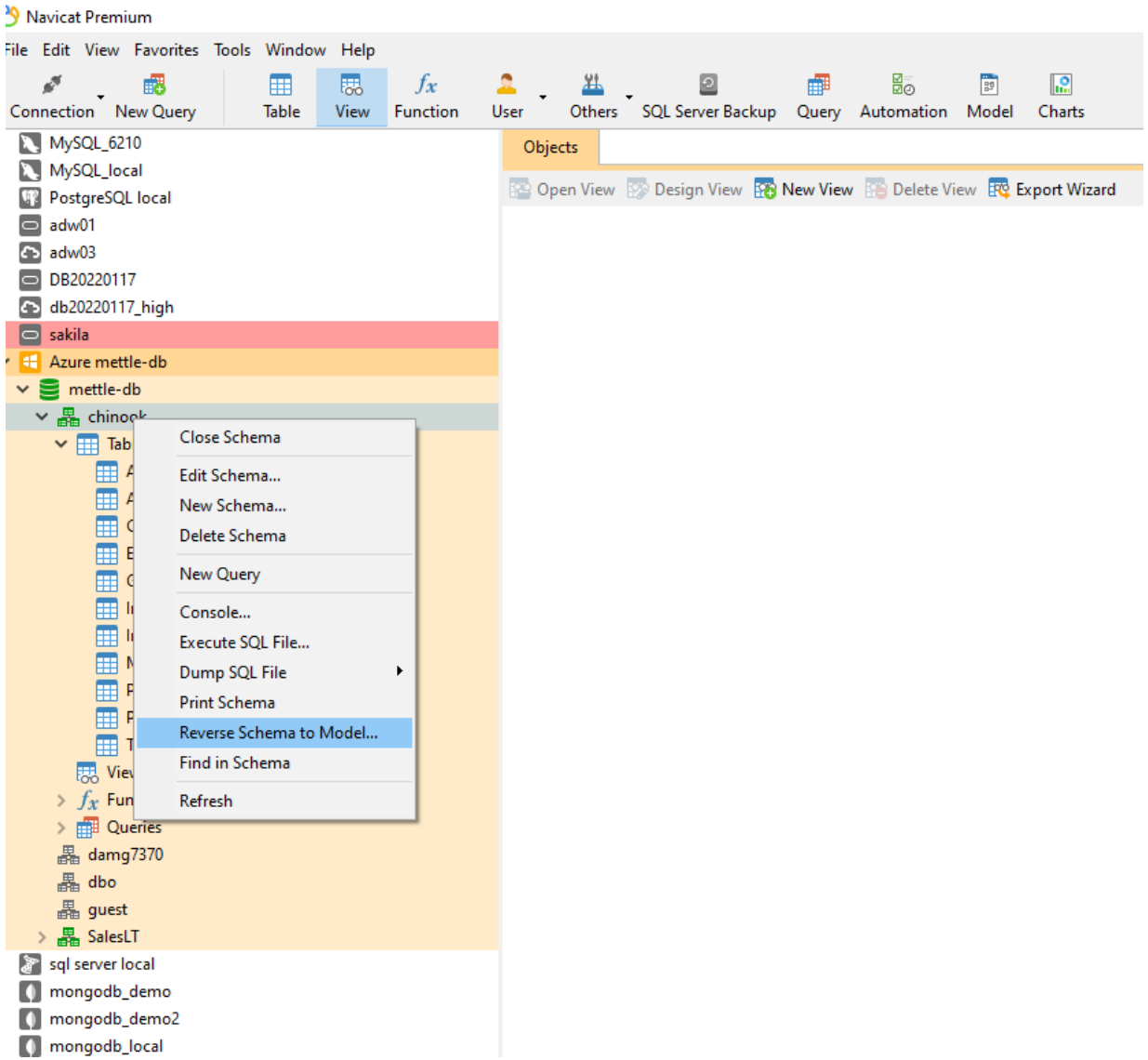
Navicat: Reverse Engineer Chinook Schema



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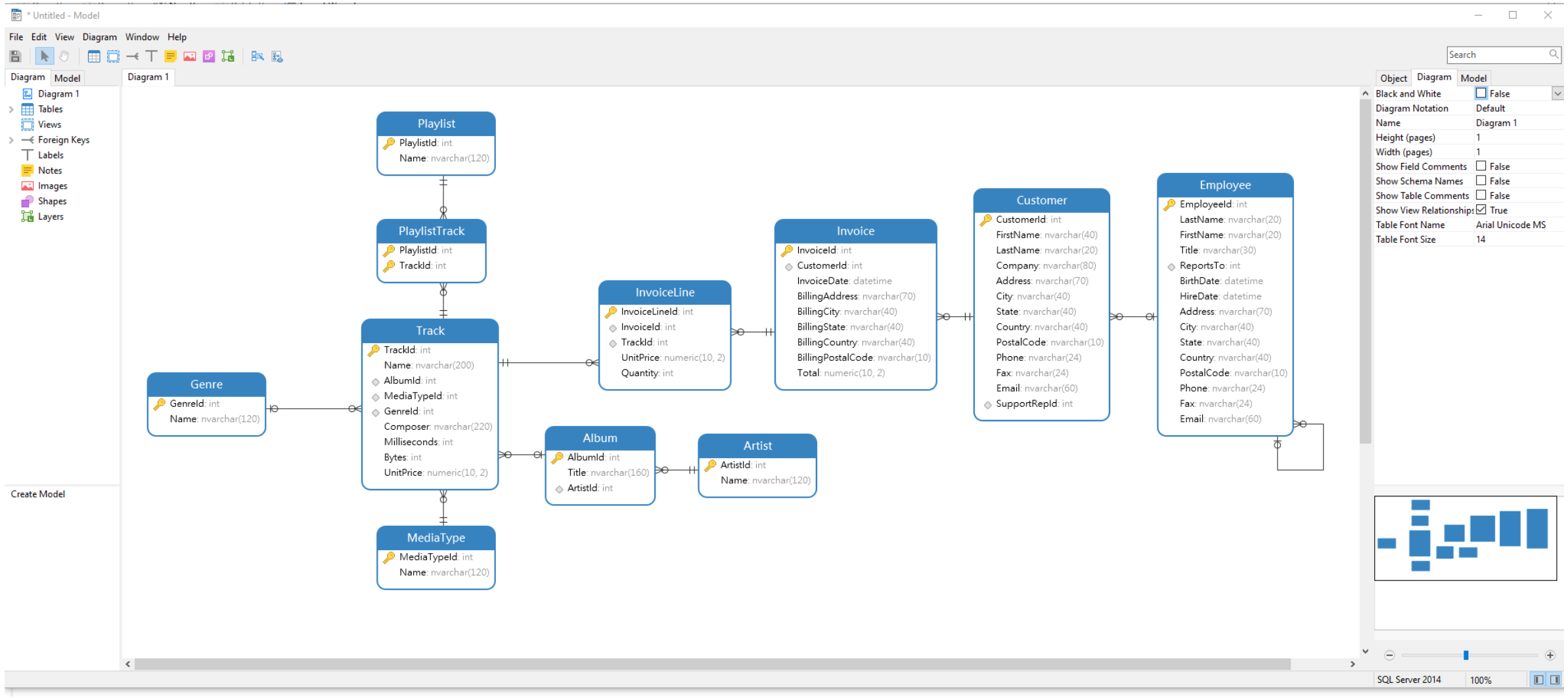
Chinook Database



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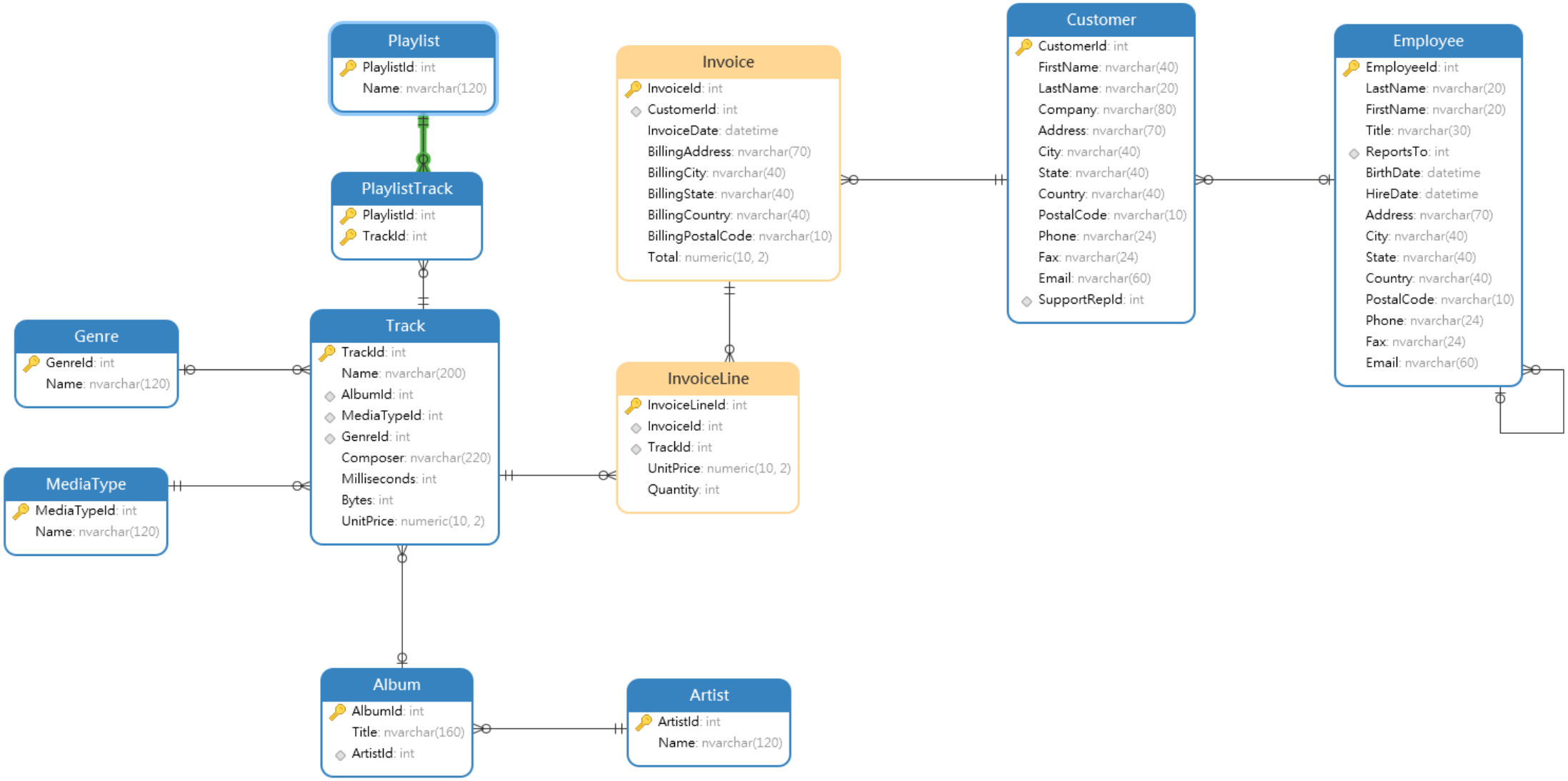

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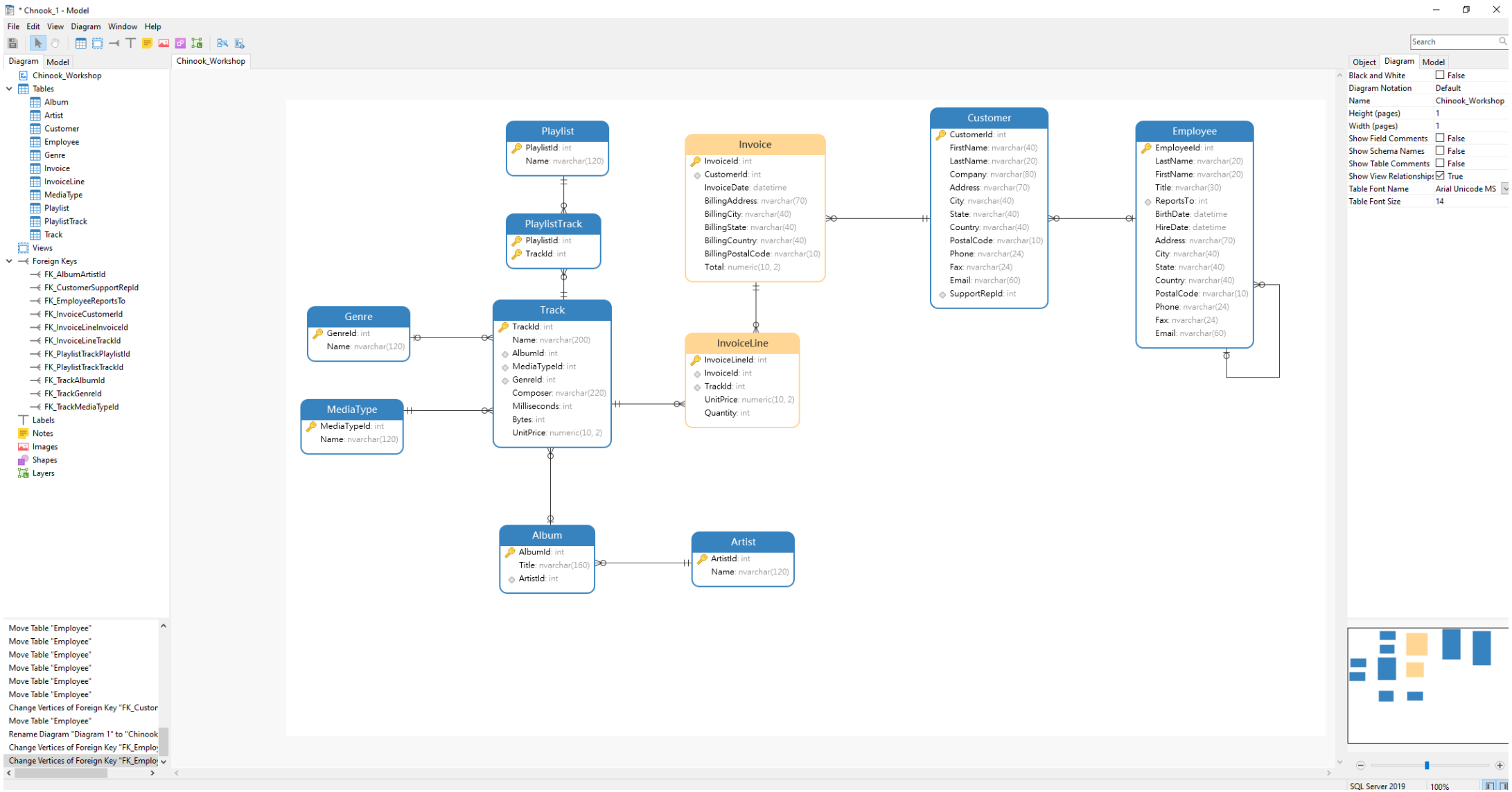

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