Chinook Dimensional Model

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

Chinook Database - Tables

- Dim_Album
- Dim_Artist
- Dim_Composer
- Dim_Customer
- Dim_Date
- Dim_Genre
- dim_Employee
- Dim_Geography
- Dim_MediaType
- Dim_Playlist
- Dim_PlaylistSongs
- Dim_Songs
- Fact_Sales
- Fact_Sales_Rejects

File Diagram Insert Model Tools Repository Macro

Select | Cut Undo | Copy Redo | Paste Move | Find Entity/View Where Used | Layout | Sub Model Object Styles This Object Style Resize | Alignment | Line Disposition Layout Relationships Show Hidden Relationships | Zoom Pan Navigate Relationships Refresh | Cascade Tile Horizontal Tile Vertical | Window Control Switch Windows | Diagram/Object Display

Edit | Find | Format | Zoom | Window | Options

Chinook - Logical Model View *

- Chinook.DM1
  - Logical
    - Main Model
  - Chinook
    - Main Model

Dim_PlaylistTrack
SongSK (FK)
PlaylistSK (FK)
SOR_ID
SOR_LoadDate
SOR_UpdateDate
DI_Job_ID
DI_Create_Date
DI_Modified_Date

Dim_Genre — GenreSK
GenreId
GenreName
SOR_ID
SOR_LoadDate
SOR_UpdateDate
DI_Job_ID
DI_Create_Date
DI_Modified_Date

Dim_Composer — ComposerSK
ComposerName
SOR_ID
SOR_LoadDate
SOR_UpdateDate
DI_Job_ID
DI_Create_Date
DI_ModifiedDate

Dim_Date — DateSK
FullDateAK
DayNumberOfWeek
DayNameOfWeek
DayNumberOfMonth
DayNumberOfYear
WeekNumberOfYear
MonthName
MonthNumberOfYear
CalendarQuarter
CalendarYear
SOR_ID
SOR_LoadDate
SOR_UpdateDate
DI_Job_ID
DI_Create_Date
DI_Modified_Date

DimDateInvoice
InvoiceDateSK
FullDateAK
DayNumberOfWeek
DayNameOfWeek
DayNumberOfMonth
DayNumberOfYear
WeekNumberOfYear
MonthName
MonthNumberOfYear
CalendarQuarter
CalendarYear

DimDateHire
HireDateSK
FullDateAK
DayNumberOfWeek
DayNameOfWeek
DayNumberOfMonth
DayNumberOfYear
WeekNumberOfYear
MonthName
MonthNumberOfYear
CalendarQuarter
CalendarYear

Dim_Playlist — PlaylistSK
PlaylistId
PlaylistName
SOR_ID
SOR_LoadDate
SOR_UpdateDate
DI_Job_ID
DI_Create_Date
DI_Modified_Date
SongSK (FK)

Dim_Song — SongSK
SOR_UpdateDate
DI_Job_ID
DI_Create_Date
DI_Modified_Date
SongName
SongPlayTime
SongLength
UnitPrice
SOR_ID
SOR_LoadDate
TrackId
ComposerSK (FK)
GenreSK (FK)
ArtistSK (FK)
AlbumSK (FK)
MediaTypeSK (FK)

Fact_Sales — SalesSK
SalesAmount
InvoiceLineId
InvoiceId
SalesQuantity
BillingPostalCode
BillingAddress
InvoiceDate
SOR_ID
SOR_LoadDate
SOR_UpdateDate
DI_Job_ID
DI_Create_Date
DI_Modified_Date
SongSK (FK)
BillingGeoSK (FK)
CustomerSK (FK)
InvoiceDateSK (FK)

Dim_Customer — CustomerSK
CustomerId
FirstName
LastName
Company
CustomerAddress
CustomerPostalCode
Phone
Fax
Email
SOR_ID
SOR_LoadDate
SOR_UpdateDate
DI_Job_ID
DI_Create_Date
DI_Modified_Date
CustomerGeoSK (FK)
EmployeeSK (FK)

DimDateBirth
BirthDateSK
FullDateAK
DayNumberOfWeek
DayNameOfWeek
DayNumberOfMonth
DayNumberOfYear
WeekNumberOfYear
MonthName
MonthNumberOfYear
CalendarQuarter
CalendarYear

Dim_Employee — EmployeeSK
ReportsToSK (FK)
LastName
FirstName
Title
BirthDate
HireDate
EmployeeAddress
EmployeePostalCode
Phone
Fax
Email
SOR_ID
SOR_LoadDate
SOR_UpdateDate
EmployeeId
DI_Job_ID
DI_Create_Date
DI_Modified_Date
EmployeeGeoSK (FK)
BirthDateSK (FK)
HireDateSK (FK)

DimEmployeeManager
EmployeeSK
LastName
FirstName
Title
BirthDate
HireDate
EmployeeAddress
EmployeePostalCode
Phone
Fax
Email
EmployeeId
ReportsToSK
BirthDateSK
HireDateSK
EmployeeGeoSK

Dim_Artist — ArtistSK
ArtistId
ArtistName
SOR_ID
SOR_LoadDate
SOR_UpdateDate
DI_Job_ID
DI_Create_ID
DI_Modified_Date

Dim_Album — AlbumSK
AlbumId
AlbumTitle
SOR_ID
SOR_LoadDate
SOR_UpdateDate
DI_Job_ID
DI_Create_Date
DI_Modified_Date
ArtistSK (FK)

Dim_MediaType — MediaTypeSK
MediaTypeId
MeidaTypeName
SOR_ID
SOR_LoadDate
SOR_UpdateDate
DI_Job_ID
DI_Create_Date
DI_Modified_Date

DimGeographyCustomer
CustomerGeoSK
Country
State
City

DimGeographyBilling
BillingGeoSK
City
State
Country

DimGeographyEmployee
EmployeeGeoSK
City
State
Country

Dim_Geography — GeoSK
City
State
Country
SOR_ID
SOR_LoadDate
SOR_UpdateDate
DI_Job_ID
DI_Create_Date
DI_Modified_Date

Data ... | Data ... | Data ... | Macro

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ER/Studio Data Architect - [Chinook - Physical Model View: Chinook *]

File   Diagram   Insert   Model   Tools   Repository   Macro   Sty

Select | Cut Undo | Find Entity/View | Where Used | Layout | Sub Model Object Styles / This Object Style | Alignment / Resize | Line Disposition / Layout Relationships / Show Hidden Relationships | Zoom | Pan / Navigate Relationships / Refresh | Cascade / Tile Horizontal / Tile Vertical | Window Control | Switch Windows | Diagram/Object Display
Copy Redo
Paste Move

Edit | Find | Format | Zoom | Window | Options

Chinook - Physical Model View: Chinook *

- Chinook.DM1
- Logical
  - Main Model
- Chinook
  - **Main Model**

Dim_PlaylistTrack
SongSK (PK)(FK)
PlaylistSK (PK)(FK)
SOR_ID
SOR_LoadDate
SOR_UpdateDate
DI_Job_ID
DI_Create_Date
DI_Modified_Date

Dim_Genre
GenreSK (PK)
Genreid
GenreName
SOR_ID
SOR_LoadDate
SOR_UpdateDate
DI_Job_ID
DI_Create_Date
DI_Modified_Date
Snowflake Type: Fixed

Dim_Composer
ComposerSK (PK)
ComposerName
SOR_ID
SOR_LoadDate
SOR_UpdateDate
DI_Job_ID
DI_Create_Date
DI_ModifiedDate
Snowflake Type: Fixed

Dim_Date
DateSK (PK)
FullDateAK
DayNumberOfWeek
DayNameOfWeek
DayNumberOfMonth
DayNumberOfYear
WeekNumberOfYear
MonthName
MonthNumberOfYear
CalendarQuarter
CalendarYear
SOR_ID
SOR_LoadDate
SOR_UpdateDate
DI_Job_ID
DI_Modified_Date
Dimension Type: Fixed

DimDateInvoice
InvoiceDateSK
FullDateAK
DayNumberOfWeek
DayNameOfWeek
DayNumberOfMonth
DayNumberOfYear
WeekNumberOfYear
MonthName
MonthNumberOfYear
CalendarQuarter
CalendarYear

DimDateHire
HireDateSK
FullDateAK
DayNumberOfWeek
DayNameOfWeek
DayNumberOfMonth
DayNumberOfYear
WeekNumberOfYear
MonthName
MonthNumberOfYear
CalendarQuarter
CalendarYear

Dim_Playlist
PlaylistSK (PK)
Playlistid
PlaylistName
SOR_ID
SOR_LoadDate
SOR_UpdateDate
DI_Job_ID
DI_Create_Date
DI_Modified_Date
SongSK (FK)

Dim_Song
SongSK (PK)
SOR_UpdateDate
DI_Job_ID
DI_Create_Date
DI_Modified_Date
SongName
SongPlayTime
SongLength
UnitPrice
SOR_ID
SOR_LoadDate
Trackid
ComposerSK (FK)
GenreSK (FK)
ArtistSK (FK)
AlbumSK (FK)
MediaTypeSK (FK)
Dimension Type: Fixed

FactSales
SalesSK (PK)
SalesAmount
InvoiceLineid
Invoiceid
SalesQuantity
BillingPostalCode
BillingAddress
InvoiceDate
SOR_ID
SOR_LoadDate
SOR_UpdateDate
DI_Job_ID
DI_Create_Date
DI_Modified_Date
SongSK (FK)
BillingGeoSK (FK)
CustomerSK (FK)
DateSK (FK)

Dim_Customer
CustomerSK (PK)
Customerid
FirstName
LastName
Company
CustomerAddress
CustomerPostalCode
Phone
Fax
Email
SOR_ID
SOR_LoadDate
SOR_UpdateDate
DI_Job_ID
DI_Create_Date
DI_Modified_Date
CustomerGeoSK (FK)
EmployeeSK (FK)

Dim_Artist
ArtistSK (PK)
Artistid
ArtistName
SOR_ID
SOR_LoadDate
SOR_UpdateDate
DI_Job_ID
DI_Create_Date
DI_Modified_Date
Snowflake Type: Fixed

DimDateBirth
BirthDateSK
FullDateAK
DayNumberOfWeek
DayNameOfWeek
DayNumberOfMonth
DayNumberOfYear
WeekNumberOfYear
MonthName
MonthNumberOfYear
CalendarQuarter
CalendarYear

Dim_Employee
EmployeeSK (PK)
ReportsToSK (FK)
LastName
FirstName
Title
BirthDate
HireDate
EmployeeAddress
EmployeePostalCode
Phone
Fax
Email
SOR_ID
SOR_LoadDate
SOR_UpdateDate
Employeeid
DI_Job_ID
DI_Create_Date
DI_Modified_Date
EmployeeGeoSK (FK)
BirthDateSK (FK)
HireDateSK (FK)

DimEmployeeManager
EmployeeSK
LastName
FirstName
Title
BirthDate
HireDate
EmployeeAddress
EmployeePostalCode
Phone
Fax
Email
Employeeid
ReportsToSK
BirthDateSK
HireDateSK
EmployeeGeoSK

Dim_Album
AlbumSK (PK)
Albumid
AlbumTitle
SOR_ID
SOR_LoadDate
SOR_UpdateDate
DI_Job_ID
DI_Create_ID
DI_Modified_Date
ArtistSK (FK)
Snowflake Type: Fixed

Dim_MediaType
MediaTypeSK (PK)
MediaTypeid
MediaTypeName
SOR_ID
SOR_LoadDate
SOR_UpdateDate
DI_Job_ID
DI_Create_Date
DI_Modified_Date
Snowflake Type: Fixed

DimGeographyCustomer
CustomerGeoSK
Country
State
City

DimGeographyBilling
BillingGeoSK
City
State
Country

DimGeographyEmployee
EmployeeGeoSK
City
State
Country

Dim_Geography
GeoSK (PK)
City
State
Country
SOR_ID
SOR_LoadDate
SOR_UpdateDate
DI_Job_ID
DI_Create_Date
DI_Modified_Date
Dimension Type: Fixed

Data ...   Data ...   Data ...   Macro

For Help, press F1

Microsoft SQL Server 2019   Views = 7   Tables = 13   Columns = 165   Foreign Keys = 19   CAP

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