CHINOOK EDR SCHEMA & STAR MODEL

Entities:

* Dim\_Customer
* Dim\_Employee
* Dim\_Product
* Fact\_Sales
* Dim\_InvoiceInfo (Weak Entity)
* Dim\_Date

|  |  |
| --- | --- |
| Dim\_Customer | |
| **PK** | CustomerId |
|  | FirstName |
|  | LastName |
|  | Company |
|  | Address |
|  | City |
|  | State |
|  | Country |
|  | PostalCode |
|  | Phone |
|  | Fax |
|  | Email |
| FK | SupportRepId |

|  |  |
| --- | --- |
| Dim\_Employee | |
| **PK** | EmployeeId |
|  | LastName |
|  | FirstName |
|  | Title |
|  | ReportsTo |
|  | BirthDate |
|  | HireDate |
|  | Address |
|  | City |
|  | State |
|  | Country |
|  | PostalCode |
|  | Phone |
|  | Fax |
|  | Email |

|  |  |
| --- | --- |
| Fact\_Sales | |
| **PK** | InvoiceId |
| FK | CustomerId |
|  | InvoiceDate |
| FK | EmployeeId |
| FK | DateId |
|  | Total |
| FK | InvoiceLineId |
| FK | TrackId |
|  | UnitPrice |
|  | Quantity |

|  |  |
| --- | --- |
| Dim\_Product | |
| **PK** | TrackId |
|  | TrackName |
|  | TrackComposer |
|  | TrackMilliseconds |
|  | TrackBytes |
|  | UnitPrice |
|  | AlbumId |
|  | AlbumTitle |
|  | ArtistId |
|  | ArtistName |
|  | PlaylistId |
|  | PlaylistName |
|  | MediaTypeId |
|  | MediaTypeName |
|  | GenreId |
|  | GenreName |

|  |  |
| --- | --- |
| Dim\_InvoiceInfo | |
| **PK** | InvoiceLineId |
| FK | InvoiceId |
|  | BillingAddress |
|  | BillingState |
|  | BillingCity |
|  | BillingCountry |
|  | BillingPostalCode |

|  |  |
| --- | --- |
| Dim\_Date | |
| **PK** | DateId |
|  | Date |
|  | Year |
|  | Month |
|  | Week |
|  | Day |
|  | Quarter |
|  | DayName |
|  | DayWeek |

|  |  |
| --- | --- |
| Dim\_Product | |
| **PK** | Track\_Key |
|  | Track\_Id |
|  | Track\_Name |
|  | Track\_Composer |
|  | Track\_Milliseconds |
|  | Track\_Bytes |
|  | Track\_Unit\_Price |
|  | Album\_Id |
|  | Album\_Title |
|  | Artist\_Id |
|  | Artist\_Name |
|  | Media\_Type\_Id |
|  | Media\_Type\_Name |
|  | Genre\_Id |
|  | Genre\_Name |

|  |  |
| --- | --- |
| Dim\_Employee | |
| **PK** | Employee\_Key |
|  | Employee\_Id |
|  | Employee\_Last\_Name |
|  | Employee\_First\_Name |
|  | Employee\_Title |
|  | Employee\_Reports\_To |
|  | Employee\_Address |
|  | Employee\_City |
|  | Employee\_State |
|  | Employee\_Country |
|  | Employee\_Postal\_Code |
|  | Employee\_Phone |
|  | Employee\_Fax |
|  | Employee\_Email |
|  | Employee\_Birth\_Date |
|  | Employee\_Hire\_Date |

|  |  |
| --- | --- |
| Dim\_Customer | |
| **PK** | CustomerKey |
|  | Customer\_Id |
|  | Customer\_First\_Name |
|  | Customer\_Last\_Name |
|  | Customer\_Company |
|  | Customer\_Address |
|  | Customer\_City |
|  | Customer\_State |
|  | Customer\_Country |
|  | Customer\_Postal\_Code |
|  | Customer\_Phone |
|  | Customer\_Fax |
|  | Customer\_Email |
|  | Customer\_Support\_Rep\_Id |

|  |  |
| --- | --- |
| Dim\_Date | |
| **PK** | Date\_Key |
|  | Full\_Date |
|  | Quarter |
|  | Year |
|  | Month |
|  | MonthName |
|  | Week |
|  | Day |
|  | DayName |

|  |  |
| --- | --- |
| Fact\_Sales | |
| *FK* | Invoice\_Line\_Key |
|  | Invoice\_Id |
| *FK* | Track\_Key |
| *FK* | Employee\_Key |
| *FK* | Customer\_Key |
| *FK* | Date\_Key |
|  | Invoice\_Date |
|  | Quantity |
|  | Price |
|  | Total |
|  | Extended\_Price\_Amount |
|  | Discount\_Amount |

|  |  |
| --- | --- |
| Dim\_Sales\_Info | |
| **PK** | Invoice\_Line\_Key |
|  | Invoice\_Line\_Id |
|  | Invoice\_Id |
|  | Billing\_Address |
|  | Billing\_State |
|  | Billing\_City |
|  | Billing\_Country |
|  | Billing\_Postal\_Code |

N

1

**DIM\_PRODUCT**

**DIM\_CUSTOMER**

**DIM\_EMPLOYEE**

**FACT\_SALES**

Works on

N

hass

N

N

1

1

1

Orders

Consists

**DIM\_DATE**

**DIM\_SALES\_INFO**