## **CHINOOK DW- TALEND Team 16: Kaushal Chaudhary, Gauresh Chavan, Mohit Ruke, Rishi Rajani Deliverables:**

1. Create the DW DDL for each database (.sql files included)
2. Create a data model using Toad Data Modeler for one of the DWs (.txp model file included)
3. Create the source-to-target (S2T) maps (.xlsx file include)
4. Create TALEND job(s) to load the following  
   **- Chinook (MySQL) to Chinook\_DW (SQL Server)**

**DimArtist:**  
A screenshot of a computer

Description generated with very high confidence

**DimPlaylist:**

A screenshot of a computer

Description generated with very high confidence

**DimCustomer:  
A screenshot of a computer

Description generated with very high confidence**

**DimComposer:  
A screenshot of a computer

Description generated with very high confidence  
  
DimGeography:  
A screenshot of a computer

Description generated with very high confidence**

**DimDate:  
A screenshot of a computer

Description generated with very high confidence**

**DimSongs:  
A screenshot of a social media post

Description generated with very high confidence**

**FactSales:  
A screenshot of a computer

Description generated with very high confidence**

**- Chinook (Oracle) to Chinook\_DW (Postgre)  
DimArtist:  
A screenshot of a computer

Description generated with very high confidence  
  
  
  
DimCustomer:  
A screenshot of a computer

Description generated with very high confidence  
  
DimComposer:  
A screenshot of a computer

Description generated with very high confidence**

**DimPlaylist:  
A screenshot of a computer

Description generated with very high confidence  
  
DimDate:  
A screenshot of a computer

Description generated with very high confidence**

**DimGeography:  
A screenshot of a computer

Description generated with very high confidence**

**DimSongs:  
A screenshot of a computer

Description generated with very high confidence**

**FactSales:  
A screenshot of a computer

Description generated with very high confidence**

1. List the following information for each of the loaded tables in each dbms:  
   **MySQL 🡪 SQL Server**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Table Name** | **Row Count** | **Max(DI\_Created\_Date)** | **Current\_User** | **Current\_Timestamp** |
| DimArtist | 275 | 24/02/2018 |  | 24/02/2018 13:44 |
| DimPlaylist | 18 | 24/02/2018 |  | 24/02/2018 13:45 |
| DimCustomer | 59 | 24/02/2018 |  | 24/02/2018 13:46 |
| DimComposer | 852 | 24/02/2018 |  | 24/02/2018 13:46 |
| DimGeography | 59 | 24/02/2018 |  | 24/02/2018 13:46 |
| DimDate | 3652 | 24/02/2018 |  | 24/02/2018 13:46 |
| DimSongs | 3503 | 24/02/2018 |  | 24/02/2018 13:47 |
| FactSales | 412 | 24/02/2018 |  | 24/02/2018 13:51 |

**Oracle 🡪 Postgre**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Table Name** | **Row Count** | **Max(DI\_Created\_Date)** | **Current\_User** | **Current\_Timestamp** |
| DimArtist | 275 | 24/02/2018 |  | 24/02/2018 14:12 |
| DimPlaylist | 18 | 24/02/2018 |  | 24/02/2018 14:20 |
| DimCustomer | 59 | 24/02/2018 |  | 24/02/2018 14:16 |
| DimComposer | 852 | 24/02/2018 |  | 24/02/2018 14:14 |
| DimGeography | 59 | 24/02/2018 |  | 24/02/2018 14:19 |
| DimDate | 3652 | 23/02/2018 |  | 23/02/2018 17:50 |
| DimSongs | 3503 | 24/02/2018 |  | 24/02/2018 14:22 |
| FactSales | 412 | 24/02/2018 |  | 24/02/2018 14:23 |

1. Create the Table documentation for each of the jobs used to complete this assignment & save as a zip file
2. List following information for each of the final SSIS jobs you ran to load the tables in each dbms:  
   **MySQL 🡪 SQL Server**Time to complete the Root Job (milliseconds) : 1610  
   Time it was completed: 24/02/2018 13:51

**Oracle 🡪 Postgre** Time to complete the Root Job (milliseconds) : 2050  
 Time it was completed: 24/02/2018 14:23

1. List the total time to load each of the DWs (milliseconds) :   
   **MySQL 🡪 SQL Server**  
   Total time: 11810

**Oracle 🡪 Postgre** Total time: 22770