

HW #1

In this task you will take an OLTP data source and convert it into an OLAP design. This is an INDIVIDUAL project and as such you should submit an original copy that reflects solely your work.

Please note the deliverables below and the questions your OLAP must be able to answer.

Deliverables:

1. A word document containing
 - a. Database Table Design – This should be done in draw.io or another graphical program. **DO NOT USE THE GRAPHICAL PROGRAM IN WORKBENCH.**
 - b. The SQL queries that answer the questions below.
 - c. Statement of Granularity for the fact table
 - d. Statement of Dimensional History applied to each dimension table.

NOTES/HINTS

1. This IS an individual assignment.
2. Please do a one fact table design.

Questions to answer via SQL from your OLAP

1. The number of streams by genre
2. Total number of streams by an artist in a given month

