Dimensional Model for Teachers Pay Teachers (TpT)

**About TpT:**

**Teachers Pay Teachers** is an online portal where teachers buy, sell and share their educational material and other course materials to other teachers, also share for free. TpT quickly respond to the ever-evolving needs of their fellow educators and provide them with the resources they need to teach at their best. It connects the Sellers with Buyers. **Sellers** are educators who sell their material either digital items or hard goods. **Buyers** are educators who buy the course material. They could be range of educators including classroom teachers, Instructional Specialists, School Administrator, Speech Language Pathologists, Early Learning Specialist, Homeschool Tutors. To read more on how it works, visit <https://www.teacherspayteachers.com/Help>

**Scope**

* The scope is limited to what is asked for in the Business Requirements section.
* You do not require a 100% correct ER model for this assignment.

**Business Requirements**

* Design a Data warehouse to capture:
  + Transactional data (buying/selling)
  + Reviews
* Use the ER model you designed in Assignment 1 as the source for the design.

**Table Naming Convention:**

Use your First Name and Last Initial as Suffix for the table names in MySQL. For example, my Client table will be named as Client\_KashifS

**Tasks and Deliverables**

1. Design the dimensional Model in MySQL Workbench.

2. Implement physical tables in MySQL. You can use MySQL Workbench to translate your ER model to physical database.

3. Populate your tables with at least 10 records each in MySQL.

**What and how to submit your assignment**

Assignment is to be submitted on eLearning. Emailed assignments are not accepted. Please submit:

1. MySQL file (for the model)

2. MySQL database snapshots in a Word document

Create a zip file for all your deliverables. Only one zipped file should be submitted per assignment. Name the Zip file as your FirstName-LastName-Assign#

Note that you will need this database for future assignments

**Approximate Work Effort**

It will take you roughly 6-8 hours to complete the assignment. Don’t wait till the last minutes to start.

**What’s acceptable:**

- Helping classmates with install issues with MySQL

- Helping classmates with learning the MySQL tool

- Discussing the assignment and/or business rules you are using

**What’s not acceptable and is counted as Cheating:**

- Sharing or showing your assignment

- Sharing or showing your MySQL database

- Providing snapshots of your MySQL database to others