

In this assignment, you are asked to create tables with primary keys and foreign keys, based on the logical design in an Entity-Relationship diagram.

Specifically, you should review the ER Diagram of the flights database you have seen earlier in this module AND review the Dataedo model you created after you reversed engineered the flights database and added relationships.

In PGAdmin, create a new database called *flights_new* as you have done before. Going back to the original *flights* database, you can generate CREATE TABLE scrips for each table. Put together a single script to create the empty tables in the flights_new database. You should see all tables with the same structure as what is in Flights.

Now create the FOREIGN Keys in the *flights_new* database based on the models. You may want to review the weddingddl.sql file in Module 0 for syntax. Save the foreign key scripts. Once complete, reverse engineer the flights_new database into Dataedo and compare to your original model.

You don't need to populate the tables in the *flight_new* database

Your deliverables are the SQL script to create the tables and for creating the foreign keys, and an image file or export of the ER diagram you reversed engineered.