# Data model

- For the modeling, all the data in the 3 tables will be used.

# Plan of work

- Data preparation
  - Use the data model to merge the data, then clean the data and remove any outliers
- Feature engineering
  - Create new features and transform the dataset ready for predictive modelling
- Model experimentation
  - Testing algorithms with cross-validation
- Evaluation of results and iteration
  - Measuring performance metrics
- Development of production algorithm
  - Productionising the algorithm as an API
- QA and DevOps
  - To ensure the model is performing as expected and to integrate the model