Database Architecture

OLTP Script

The script named “ OLTP_NF_AmenitiesView.sql” following by script makes 1NF on the OLTP Database as separates reviewers from reviews and creating a view of the Amenities.

Staging Database script:

The script named “ StagingAir2.sql “ Transferring data to the staging area from the OLTP Database also creates a table in order to keep a full calendar.

StayMore Database script:

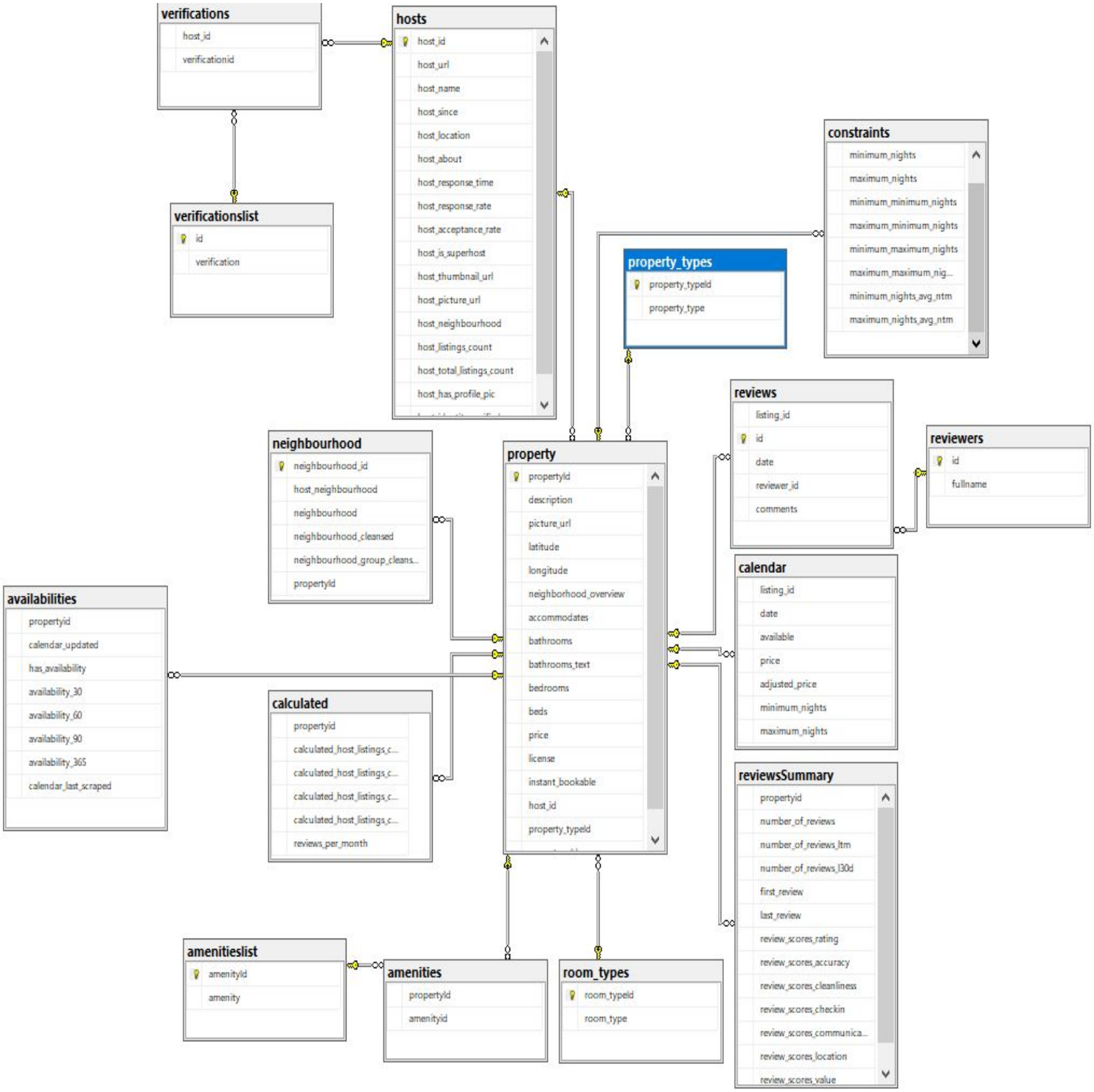
All ETL processes “ StayMoreDataWH.sql ” and forming StayMore.

Reviews Data Mart script:

“ DataMartReviews.sql ” pulls data from staymore to form the data mart of reviews

Calendar Data Mart script:

“ DataMartCalendar.sql ” pulls data from staymore to form the data mart of calendar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last_review
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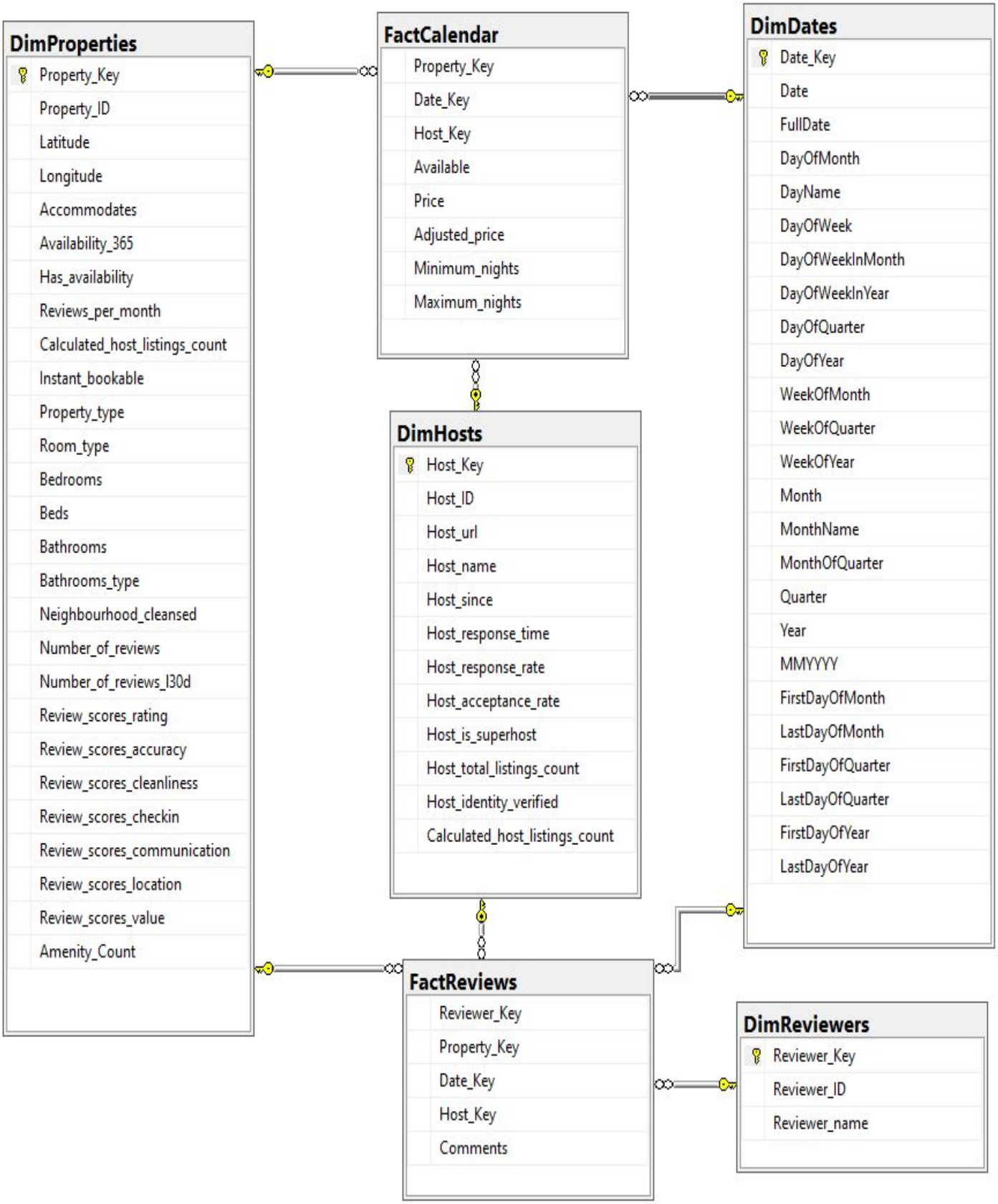
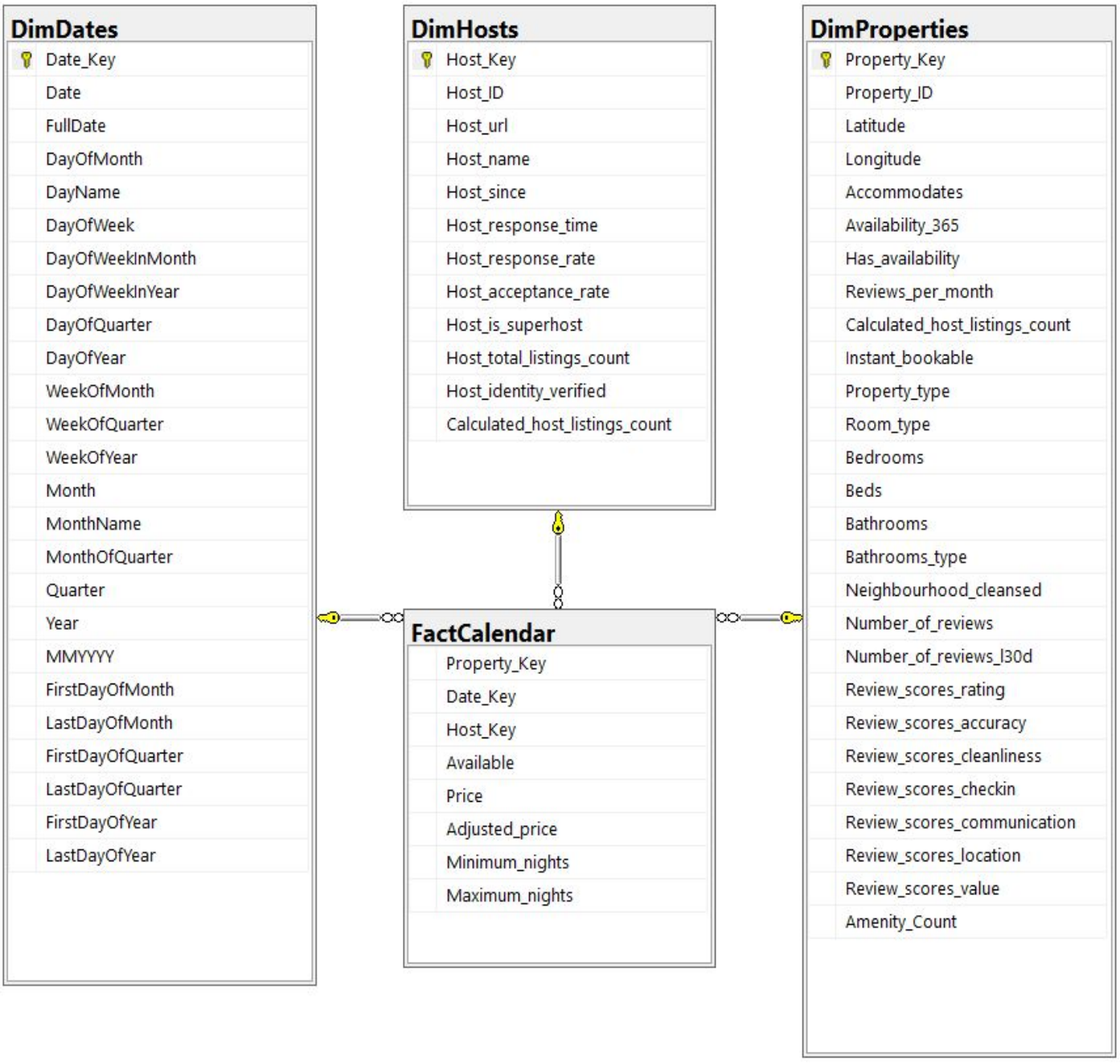
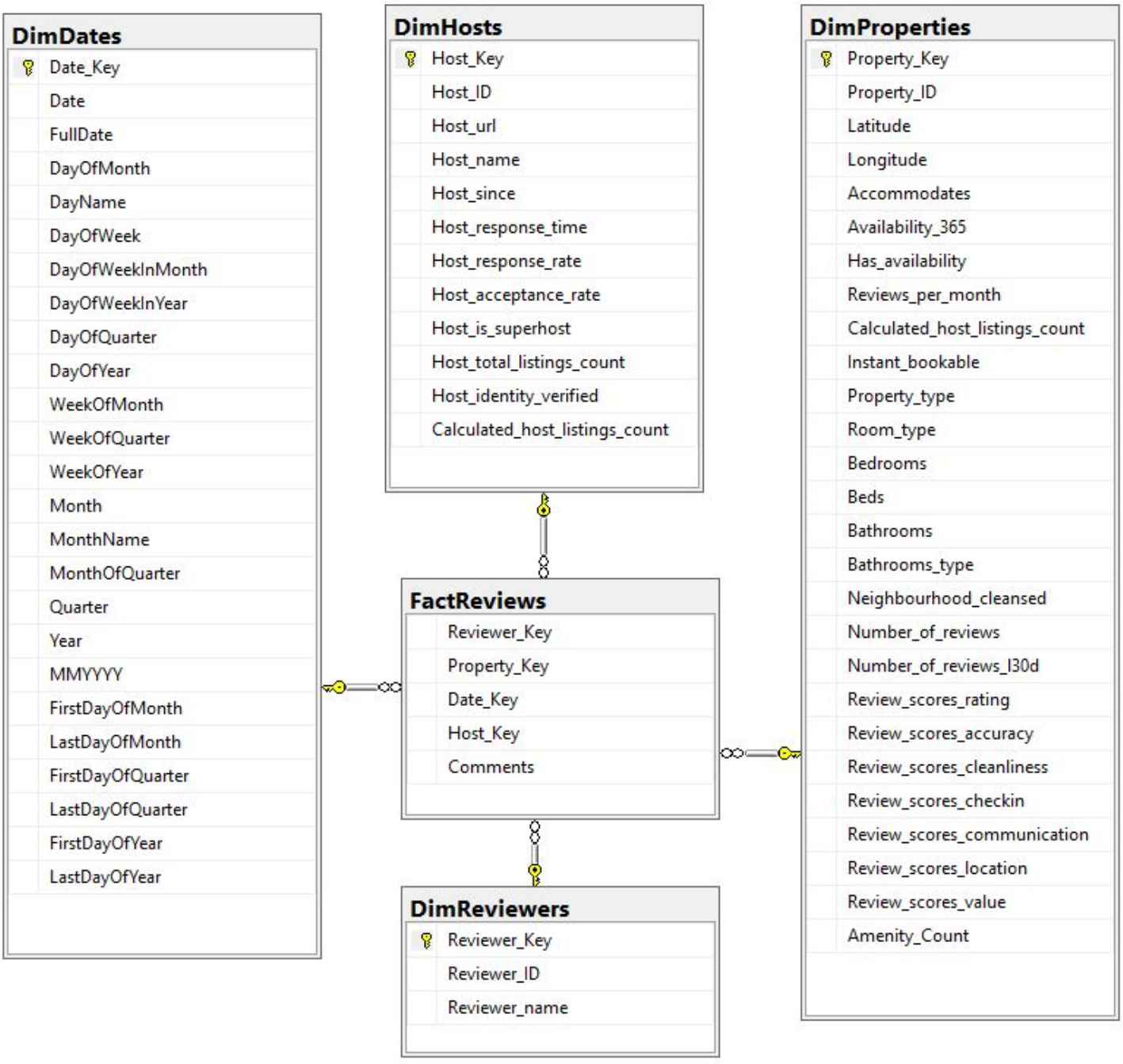
room_type

DW StayMore Schema



Calendar Mart Schema



Reviews Mart Schema