Bellabeat Data Cleaning and Profiling

* Renamed tables to standardize table names and maintain schema consistency.
* During importation, all columns were designated as varchar(50). Altered some of the columns to appropriate and applicable datatypes.
  + Updating the hourly\_intensity table
  + Updating the daily\_sleep
  + Updating the minute\_sleep table
  + Updating the daily\_activity table
  + Updating the weight\_log table
* Found the count of users in the daily\_activity table, the earliest and latest days in the study, as well as the calendar math from start to finish.
* Found the count of users in the daily\_sleep table, the earliest and latest days in the study, as well as the calendar math from start to finish.
* Found the count of users in the hourly\_intensity table, the earliest and latest days in the study, as well as the calendar math from start to finish.
* Found the count of users in the minute\_sleep table, the earliest and latest days in the study, as well as the calendar math from start to finish.
* Found the count of users in the weight\_log table, the earliest and latest days in the study, as well as the calendar math from start to finish.
* Checked for duplicate rows in daily\_activity table.
* Checked for duplicate rows in daily\_sleep table. Found 3 duplicate records.
* Created a new sleepDay2 table and populating it with all distinct values from daily\_sleep.
* Dropped the original sleepDay table.
* Renamed new sleepDay2 table to sleepDay and completing the replacement of the table with no duplicates.
* Checked the hourly\_intensity table for duplicate records. Found none.
* Checked the minute\_sleep table for duplicate records. Found 543 duplicate records.
* Completed process similar to sleep\_day table to replace minute\_sleep table.
* Checked all tables for consistent records character length.
* Checked all tables for NULL values.
* Checked all tables for record outliers.