

1. Do you think the Booking application violates the business rules introduced in step 2?

I believe it violates 1 of the 3 rules mentioned in step 2.

2. If so, which rule(s) does it violate and how many times?

It violates the last business rule mentioned in step 2: "All hotels offer service by default."

It violates this business rule 2572 times.

3. How did you determine this amount?

I used the python pandas package, read in *booking-output-9-IPOG.csv* as a dataframe and then used simple conditional searches on the rows of the table to find rows that violated each of the rules. If found, I checked the length of the resulting table and saved it as a .csv file. The first two business rules were not violated, since no row was found where the violation conditions were met and the app found results.