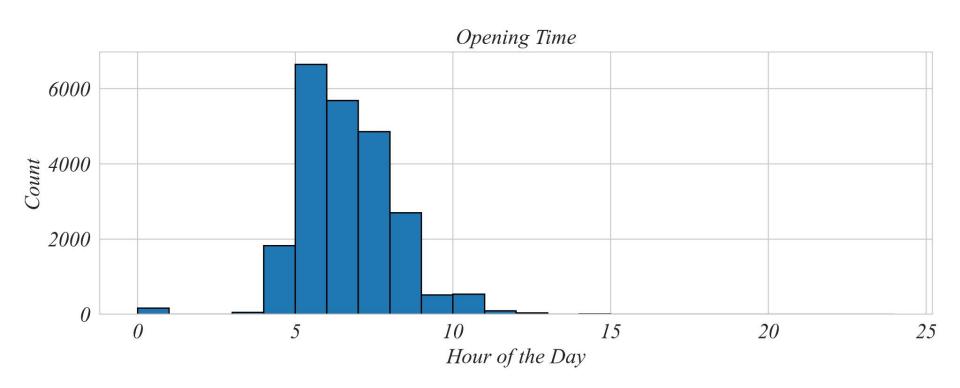
Making Decisions with Visual Data

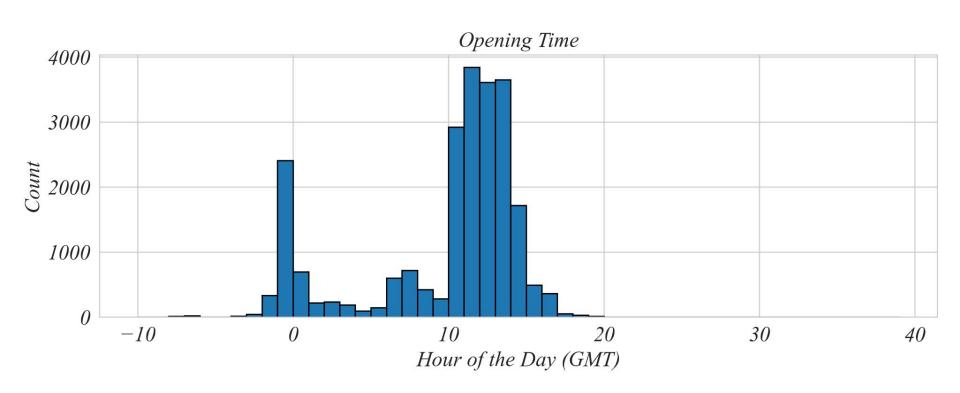
Part 1.5 Transforming Data

Taylor Weidman

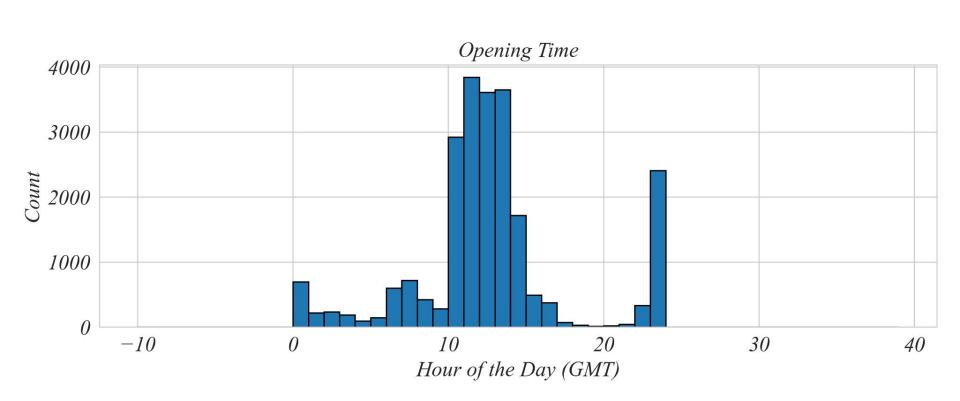
Q. On a given day, is the location with the earliest opening time the first to open?



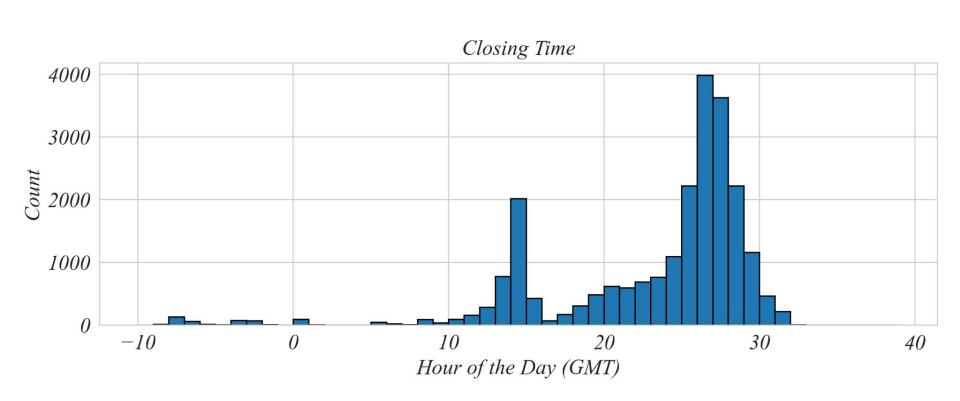
Q. Do you notice a problem with the normalized opening time (GMT)?



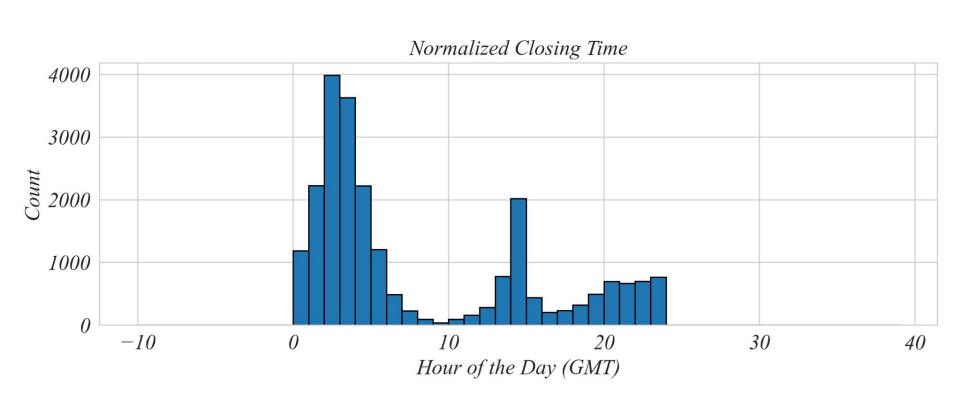
We can add 24 to the negative values.



We have a similar problem with closing times.



Subtracting 24 from values above 23 solves this problem.

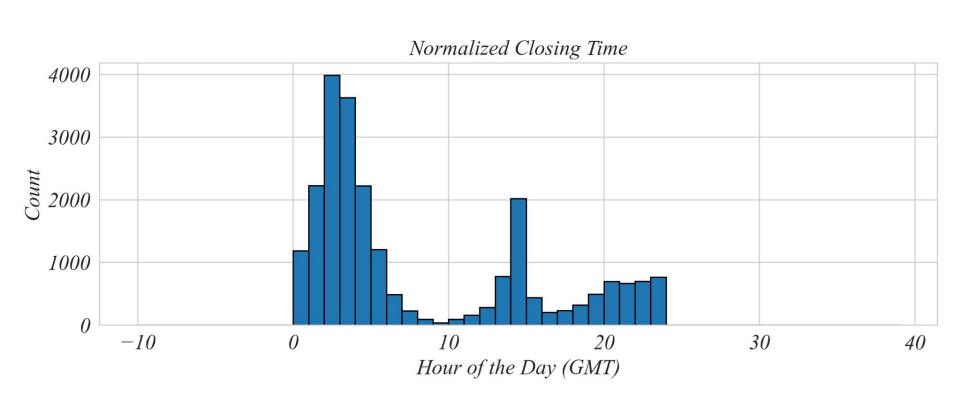


Excel Exercise: Transforming Data

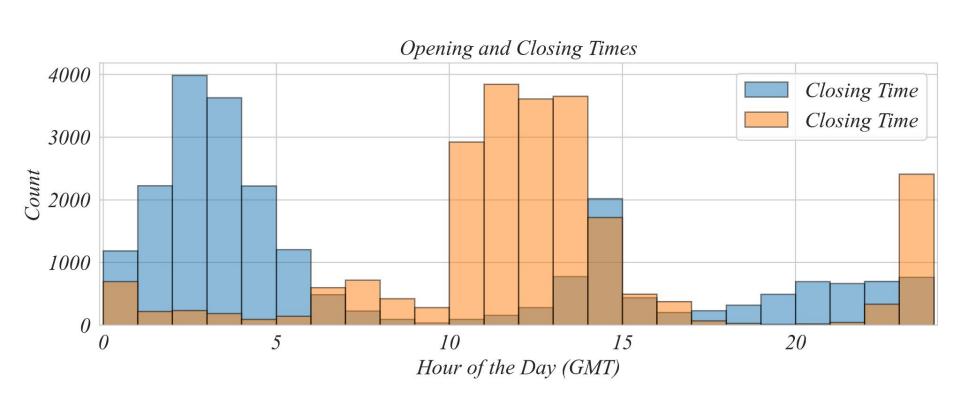
We're going to examine the opening times of starbucks locations.

Data: Starbucks_Location_Hours.csv

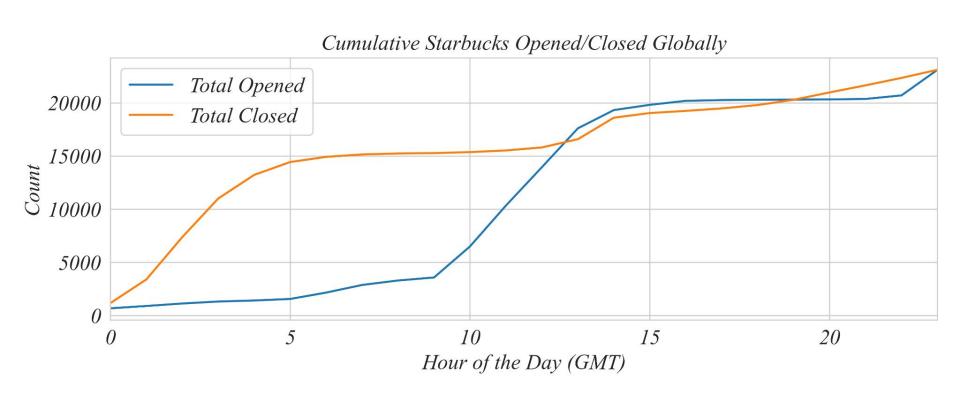
Q. But how many locations are open at every hour of the day?



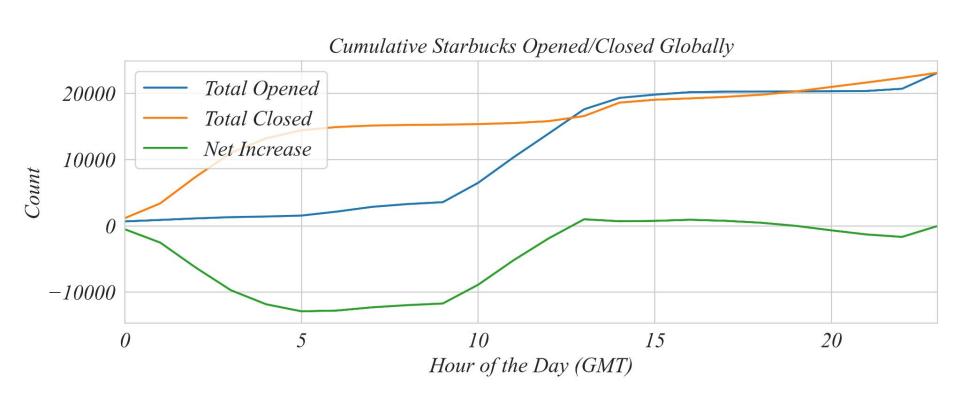
Q. But how many locations are open at every hour of the day?



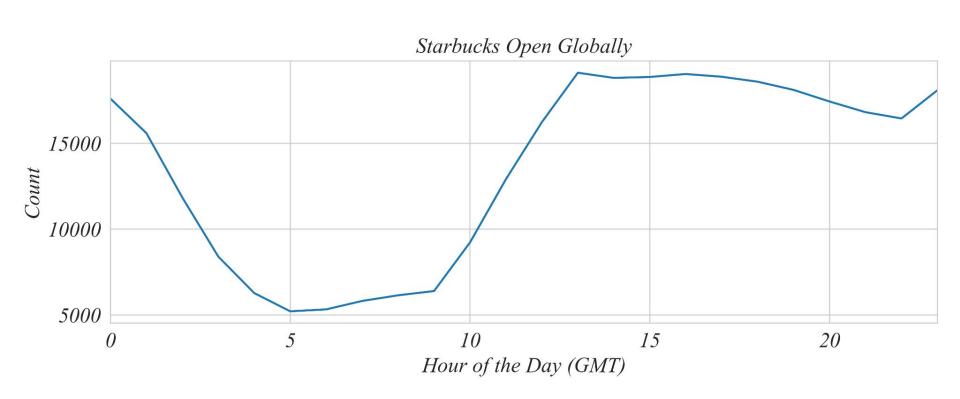
Q. How many locations are open at every hour of the day?



Q. How many locations are open at every hour of the day?



Q. How many locations are open at every hour of the day?



Excel Exercise: Transforming Data

We're going to examine the opening times of starbucks locations.

Data: Starbucks_Location_Hours.csv