

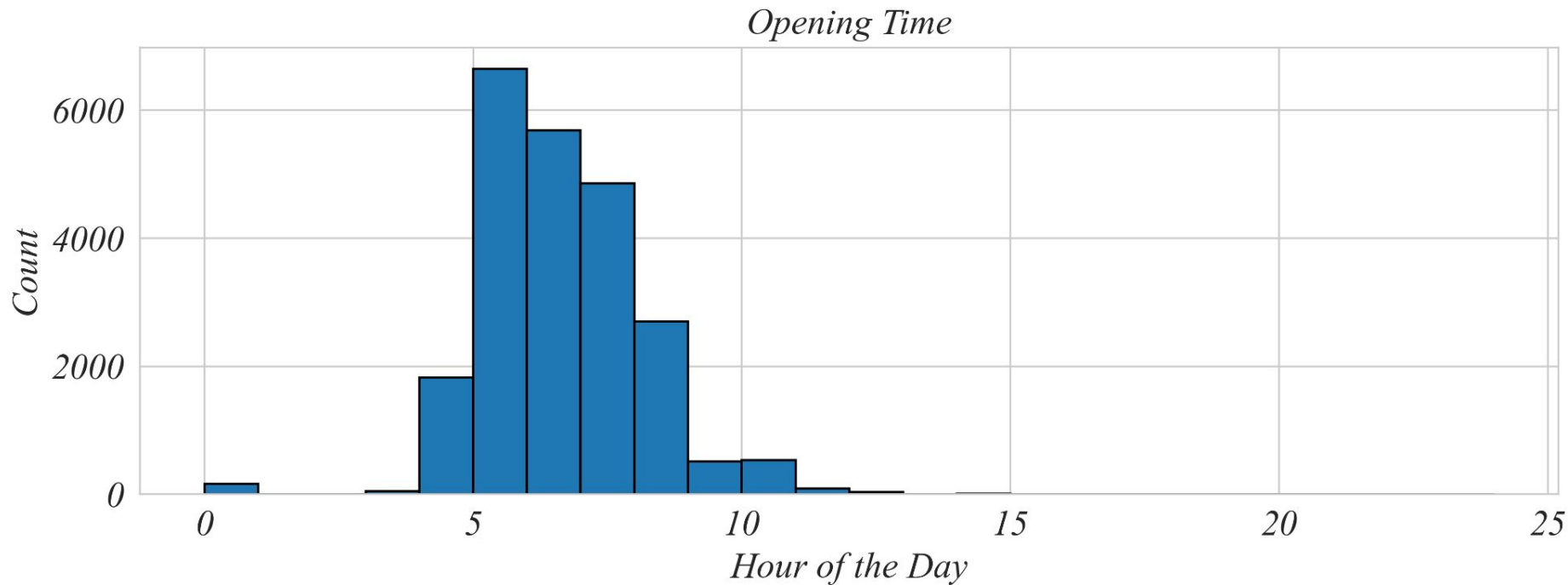
Making Decisions with Visual Data

Part 1.5 Transforming Data

Taylor Weidman

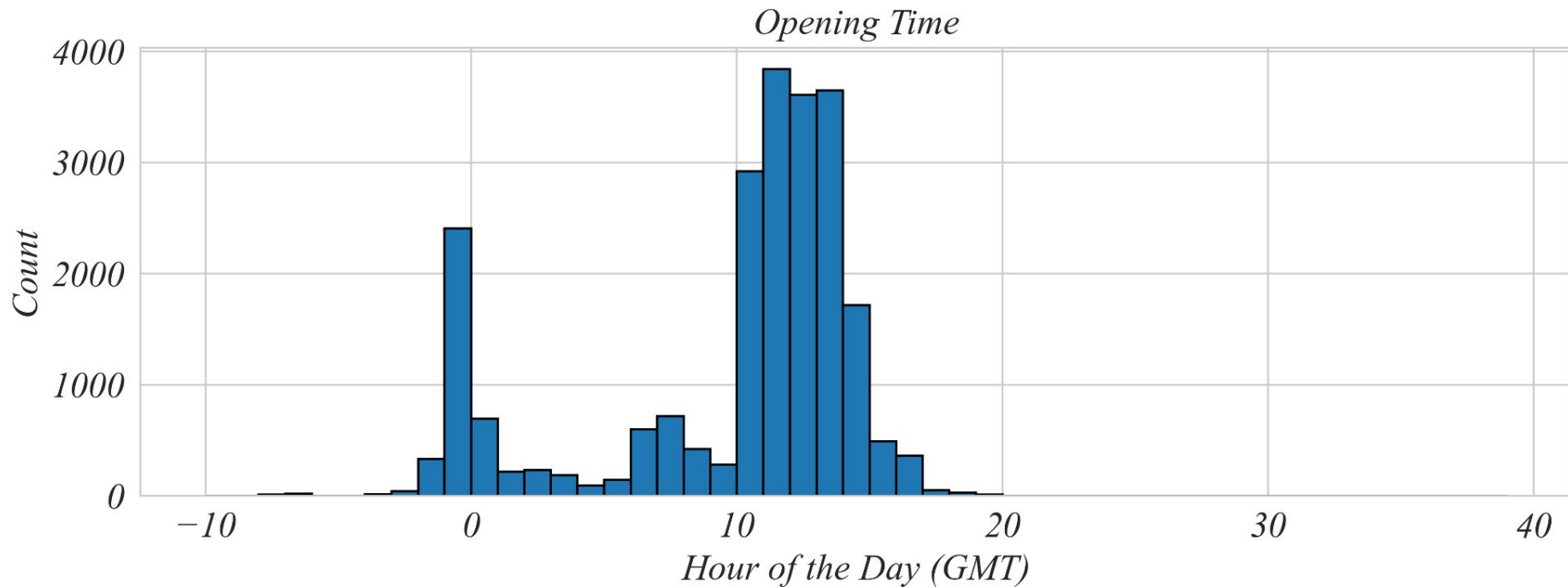
Transforming Data

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



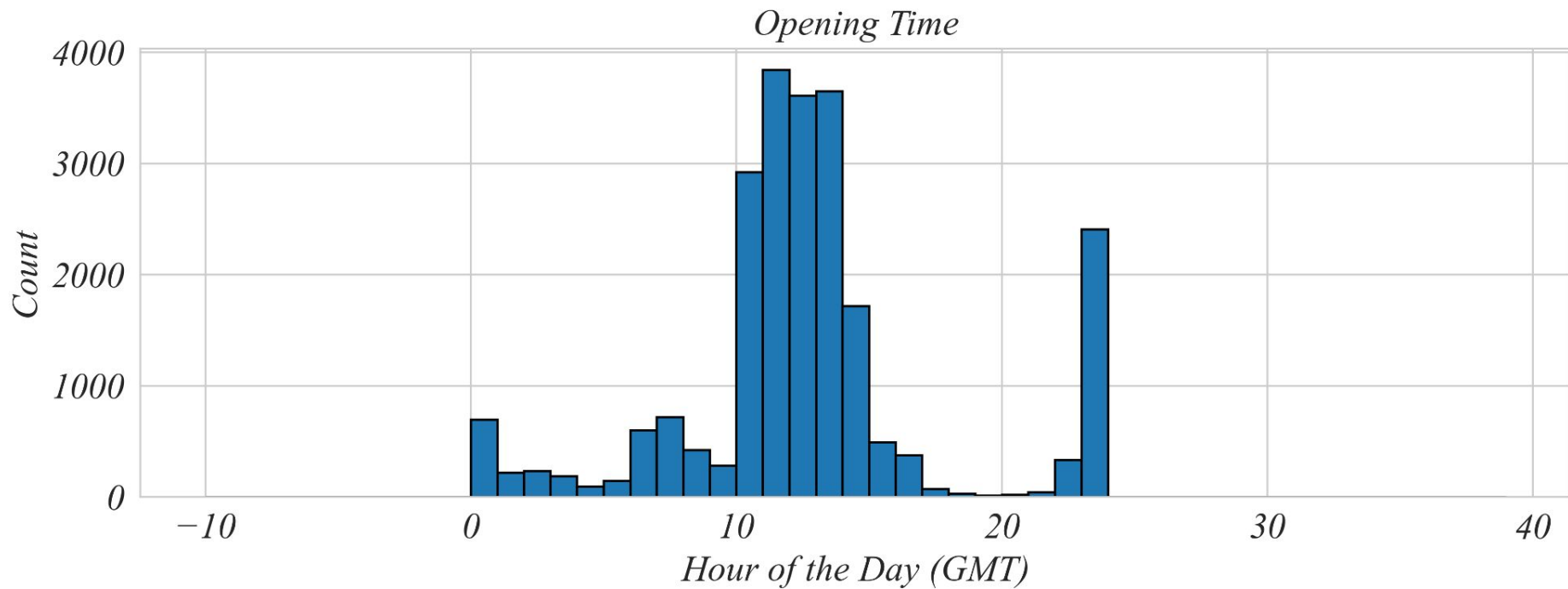
Transforming Data

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



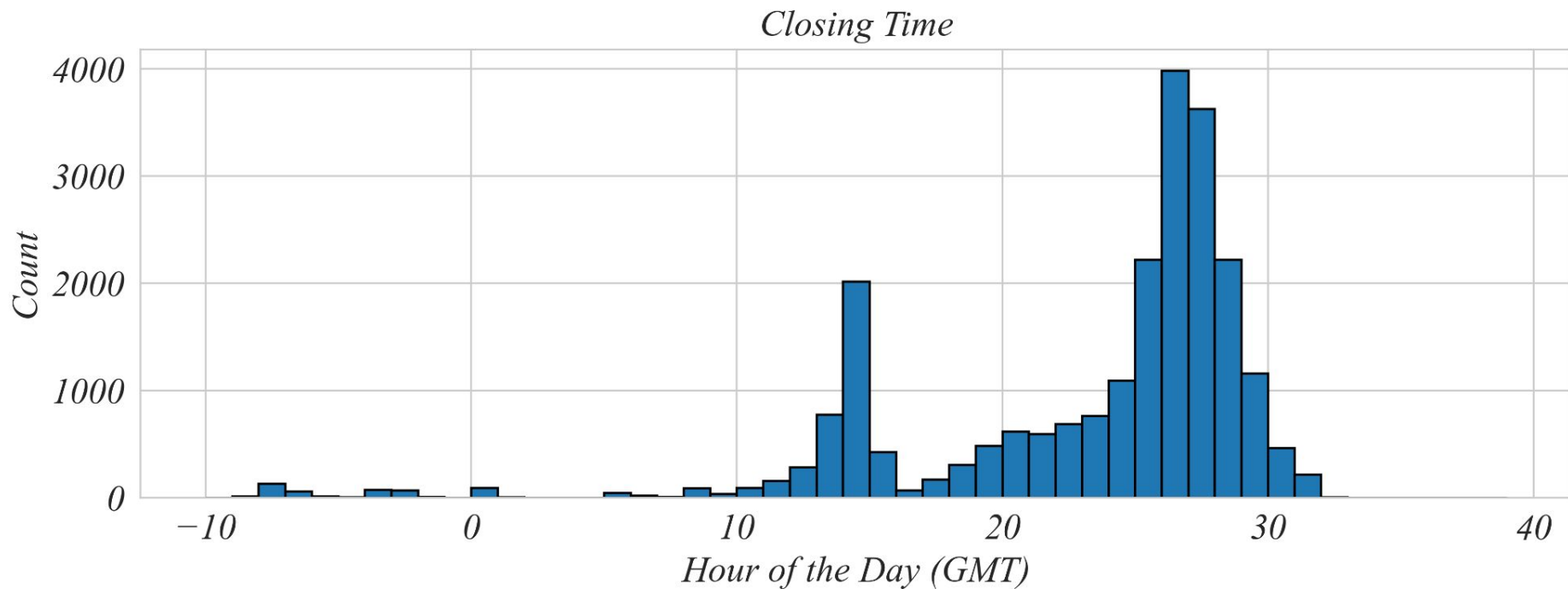
Transforming Data

We can add 24 to the negative values.



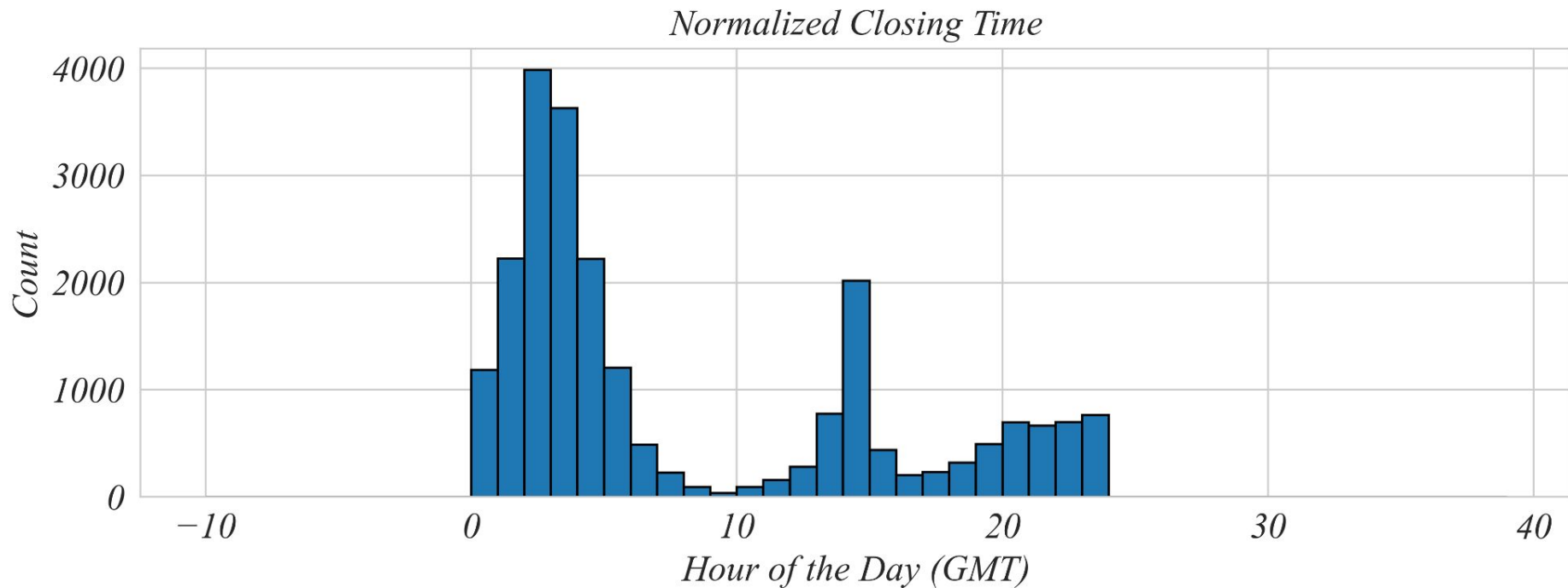
Transforming Data

We have a similar problem with closing times.



Transforming Data

Subtracting 24 from values above 23 solves this problem.



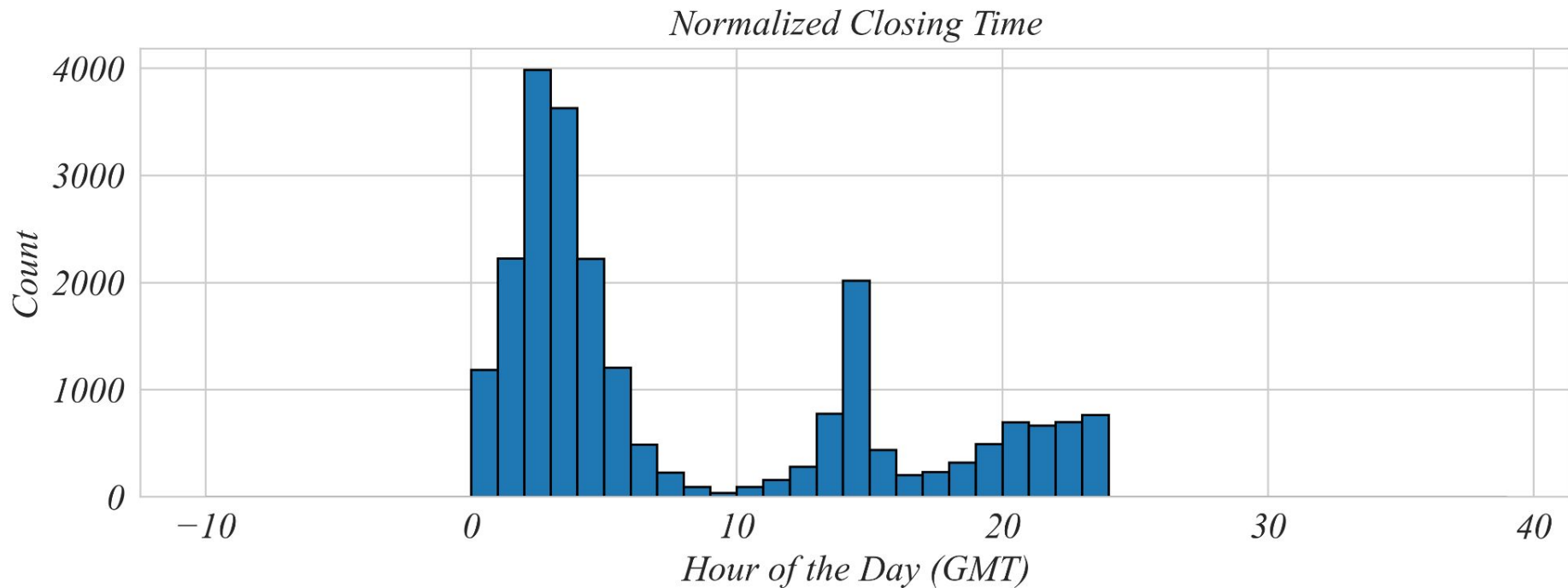
Excel Exercise: Transforming Data

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

- Data: Starbucks_Location_Hours.csv

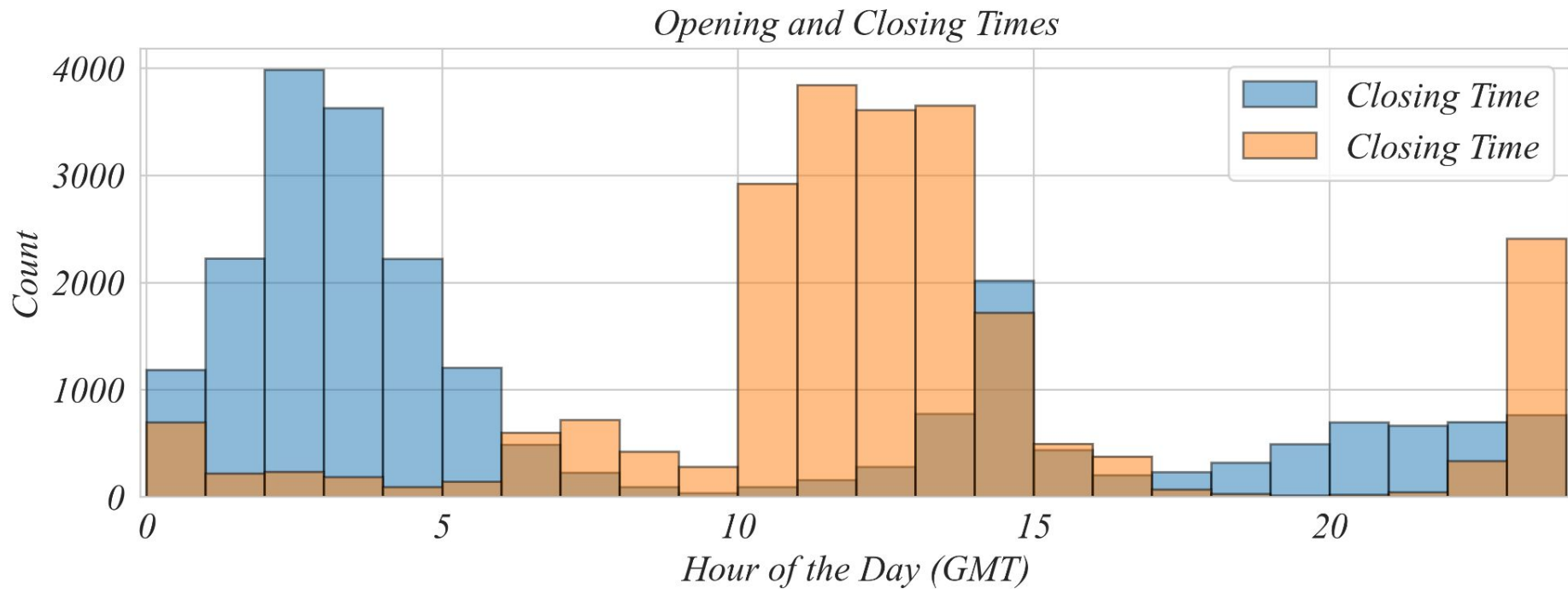
Transforming Data

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



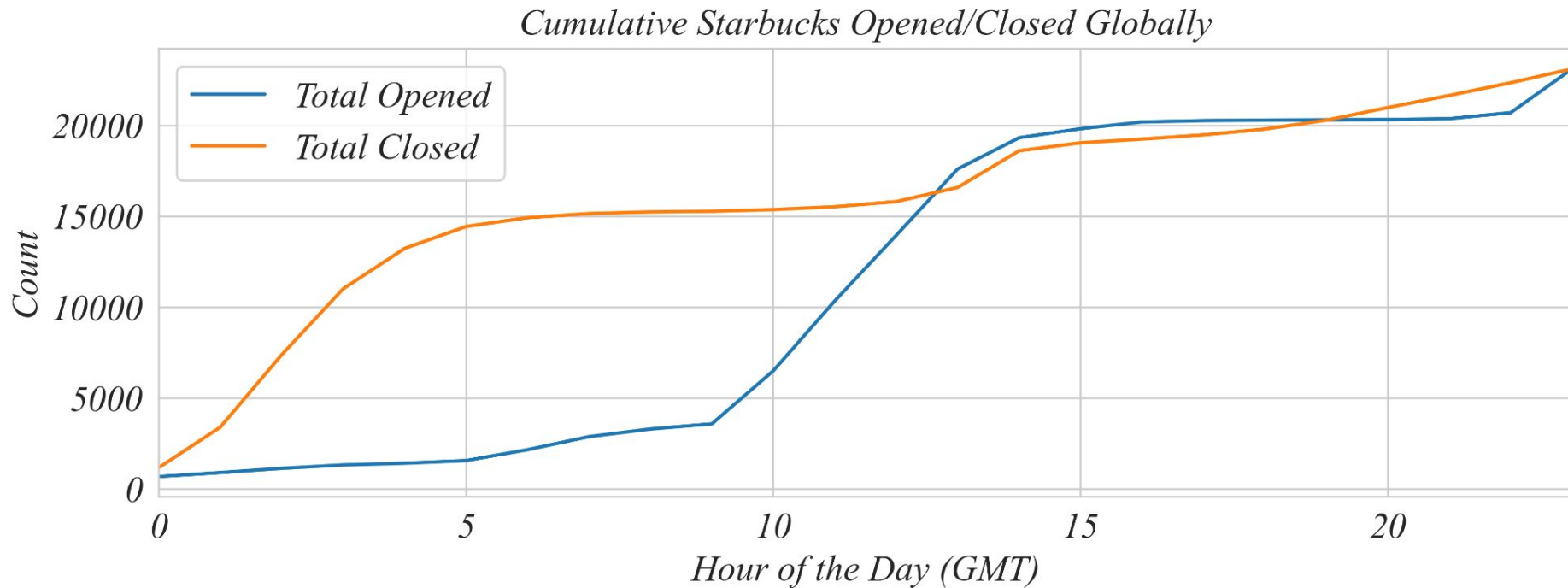
Transforming Data

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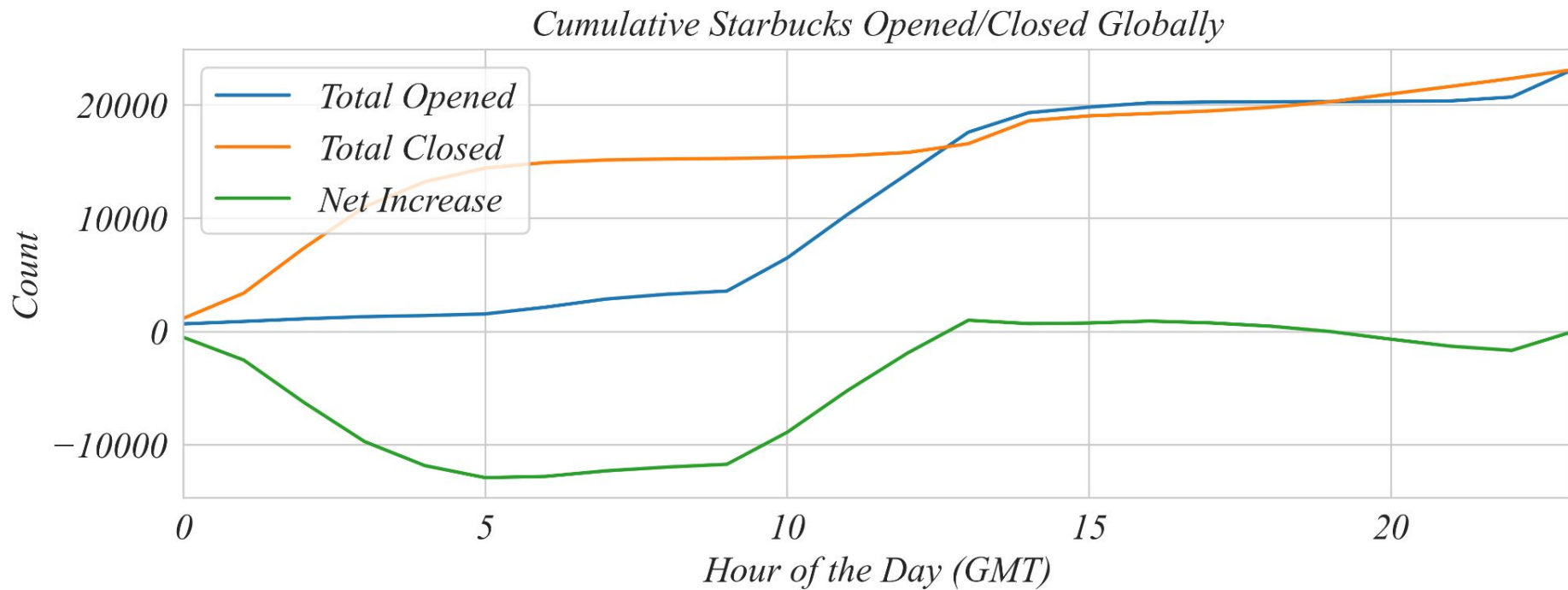
Transforming Data

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



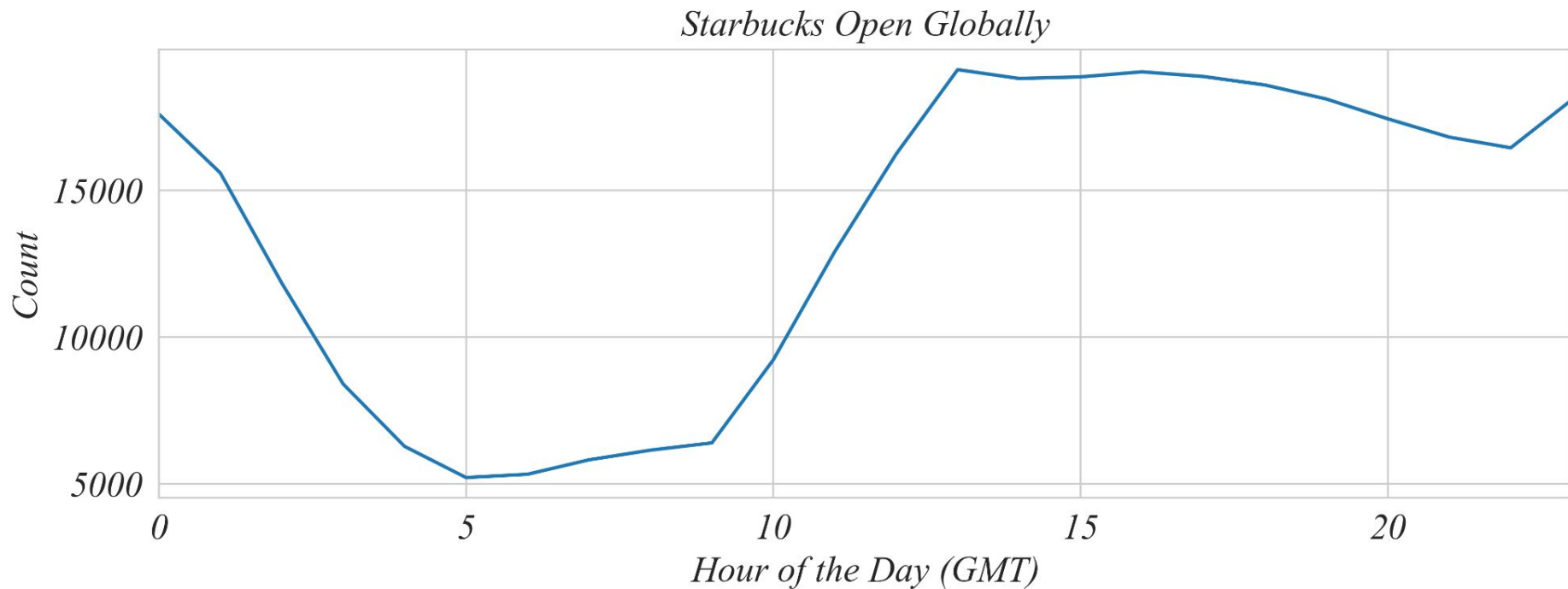
Transforming Data

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Transforming Data

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