# ANALYSIS OF SEARCH TERM

WHAT PEOPLE ARE SAYING ABOUT FOOD LION ON TWITTER

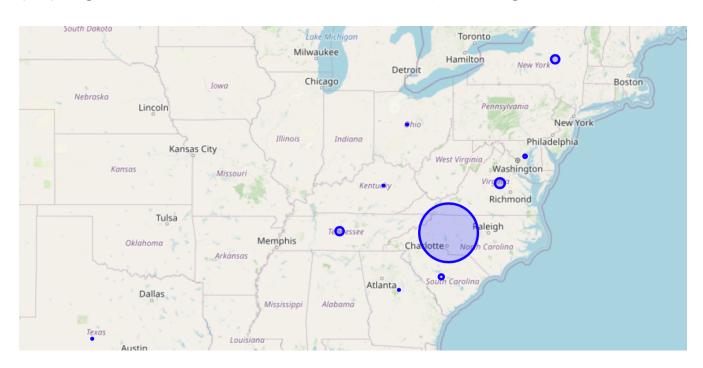
#### **ABOUT THE ANALYSIS**

In this study, 100 tweets from Nov 10 and 11 were collected from **Twitter** via their API and the data was thoroughly analyzed to understand **where** they are coming from, **what time** that mostly happen and **what** people are saying about it.



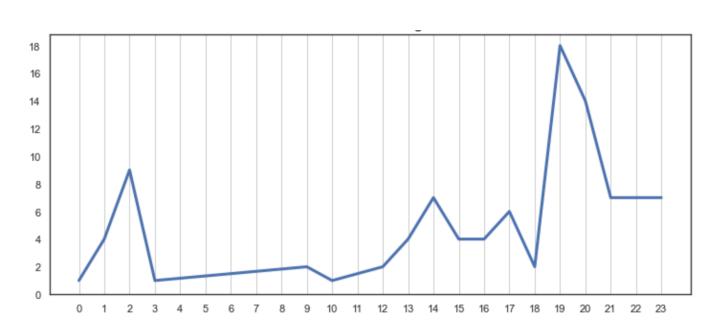
#### WHERE DO THE TWEETS COME FROM?

The tweets containing the search term "*Food Lion*" are concentrated in North Carolina (36%), followed by Virginia (6%), NY and TN (5% ea.) and South Carolina (3%). Ergo, the East Coast of USA is more actively tweeting about the brand.



## WHAT TIME DO PEOPLE TALK ABOUT THE BRAND?

The peak times for tweets are usually around traditional meal hours, like lunch time (12-14) and dinner (19-21), what makes sense, since people tend to go to the market around those hours and will tweet about something fresh in their minds. One interesting point, though, is the peak at 2am.



### WHAT PEOPLE ARE SAYING?

After a text analysis of the tweets, the conclusion is that people are tweeting mostly about the recent purchase of 62 Bi-Lo stores by Food Lion. There are some mentions about holidays and the veteran's day in USA.

During the context analysis using Tri-grams (*three words used together and in sequence*), the top 4 results were related to the Bi-Lo stores acquisition subject.



Another analysis performed was topic modeling in order to find 4 topics of 10 words that we could use to categorize the tweets. Here they are...

FOODLION, BI, LO, PURCHASE, NEIGHBOR, SUPERMARKETS, TAKES, HARVEYS, STEP, ACQUISITION

TOPIC 1

GOOD, BUSINESS, VETERANSDAY, VETERAN, OWNED, FOODLION, SUPPORT, NC, WICKEDCRISPS, WICKEDLY

TOPIC 2

FOOD, LION, FOODLION, STORES, 00, FOODLIONNEWS, PURCHASE, 62, STEP, BI

TOPIC 3

FOODLION, 2HARVESTMIDTN, WALMART, LOLLIDEALS, HOLIDAY, BUY, VISIT, MEALS, JOIN, FAMILIES

TOPIC 4