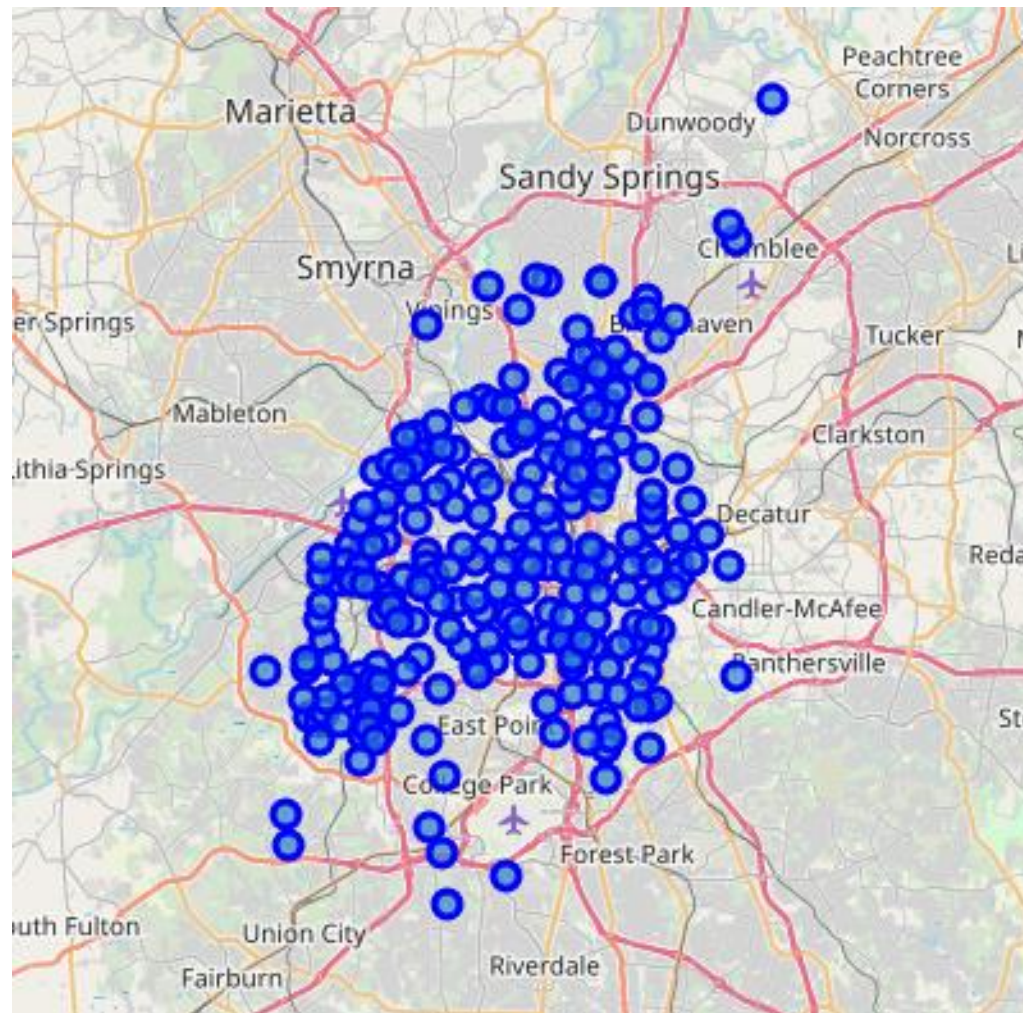


A new coffee shop in ATL

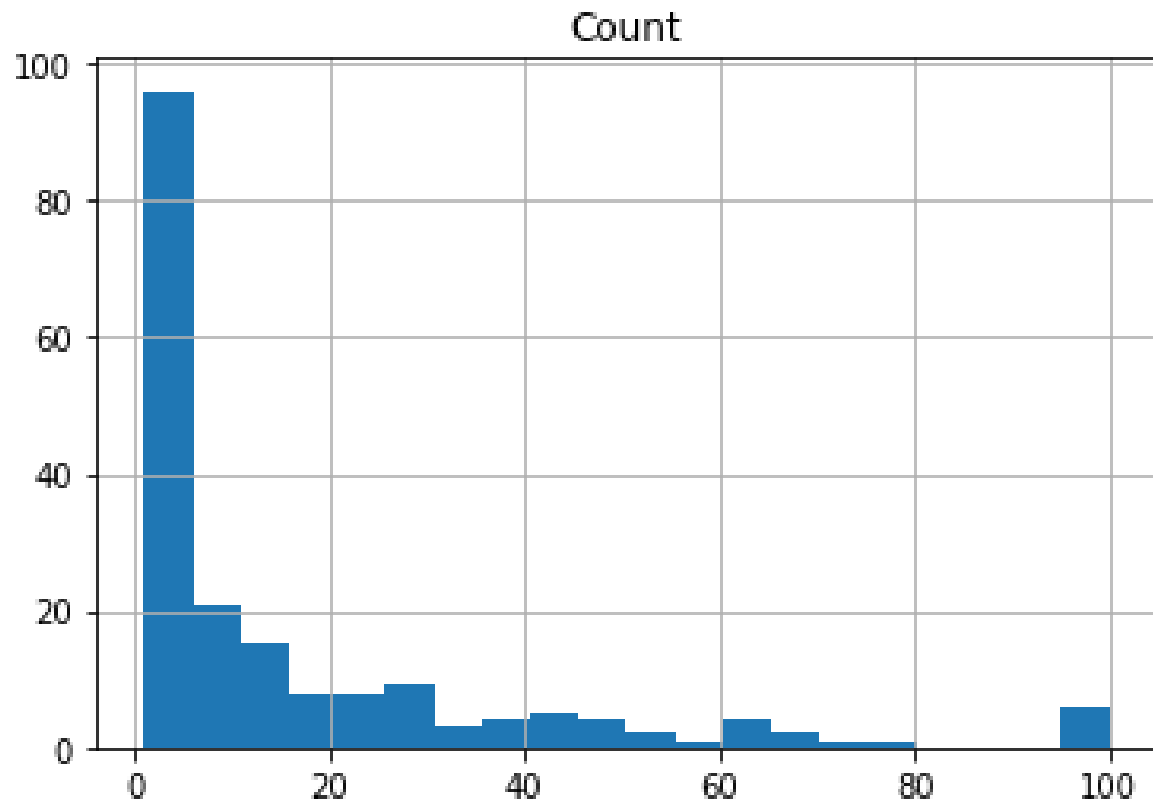
Coursera Capstone Project

Atlanta Neighborhood Centroids

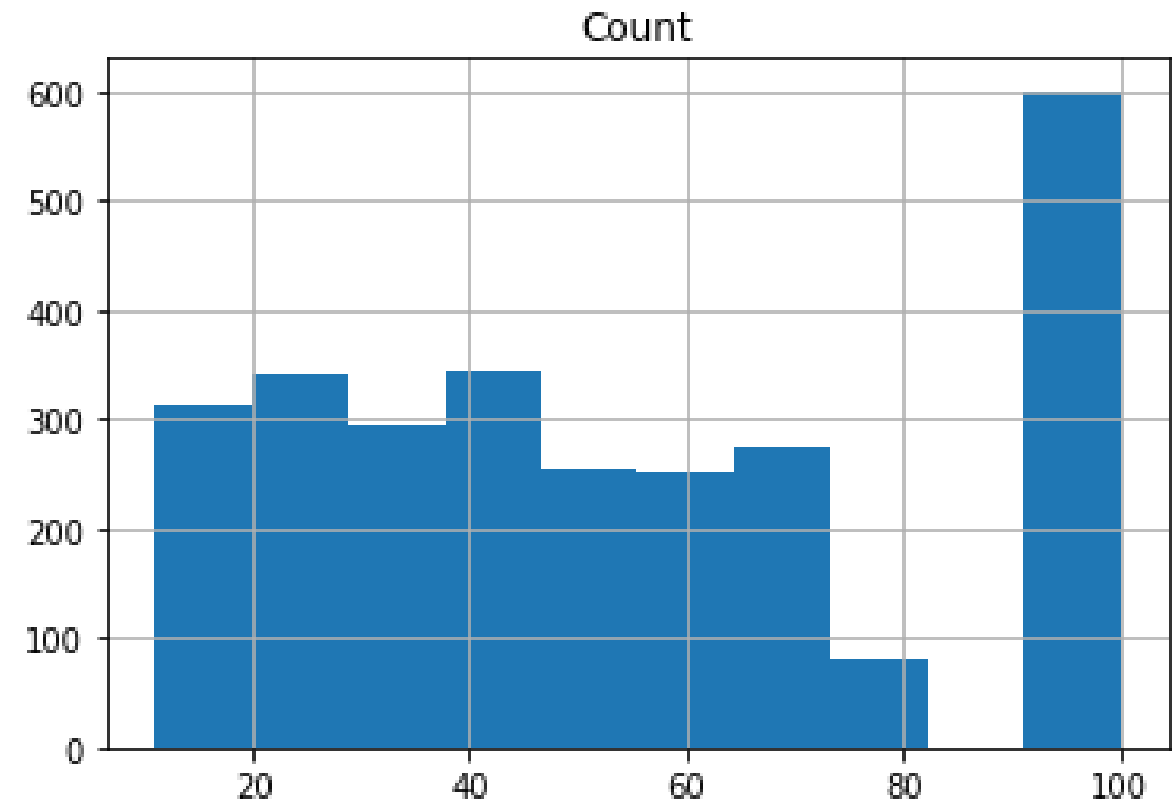


Venues Per Neighborhood

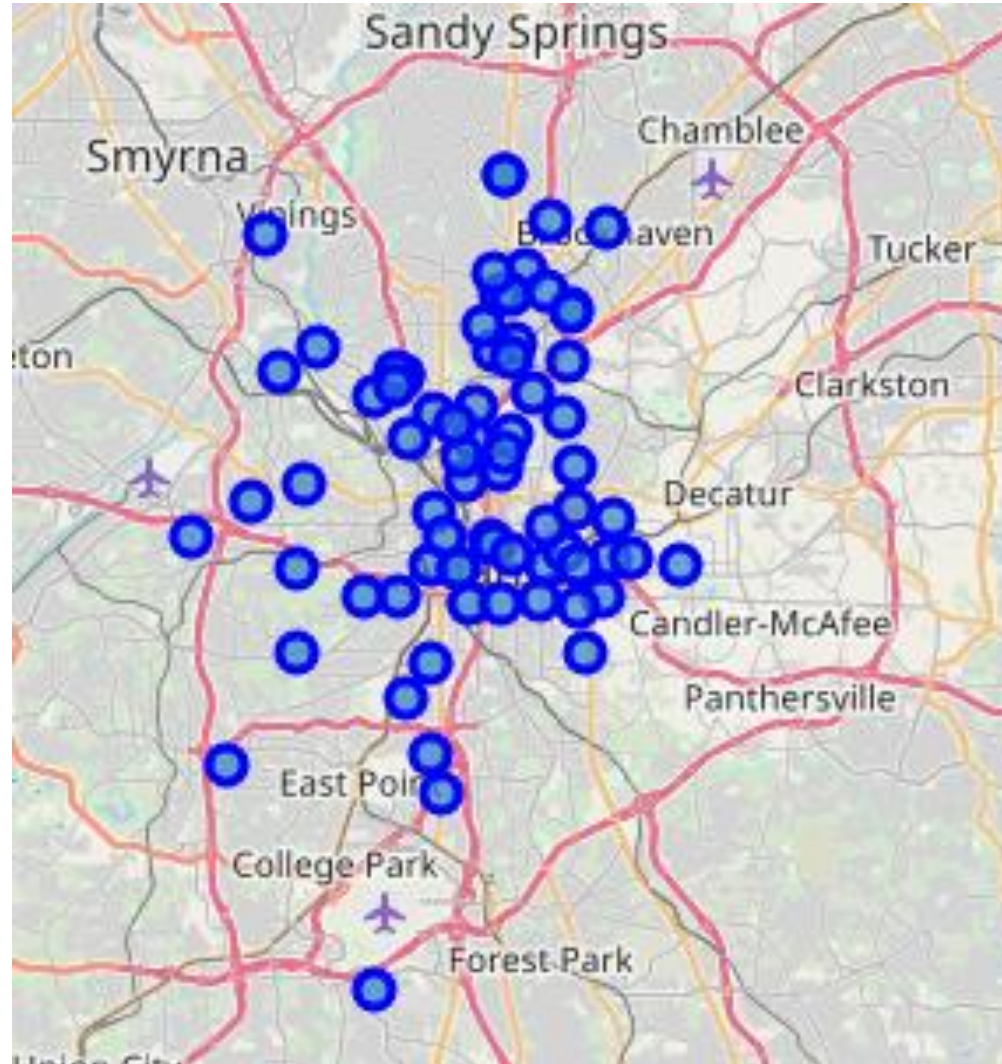
All 244



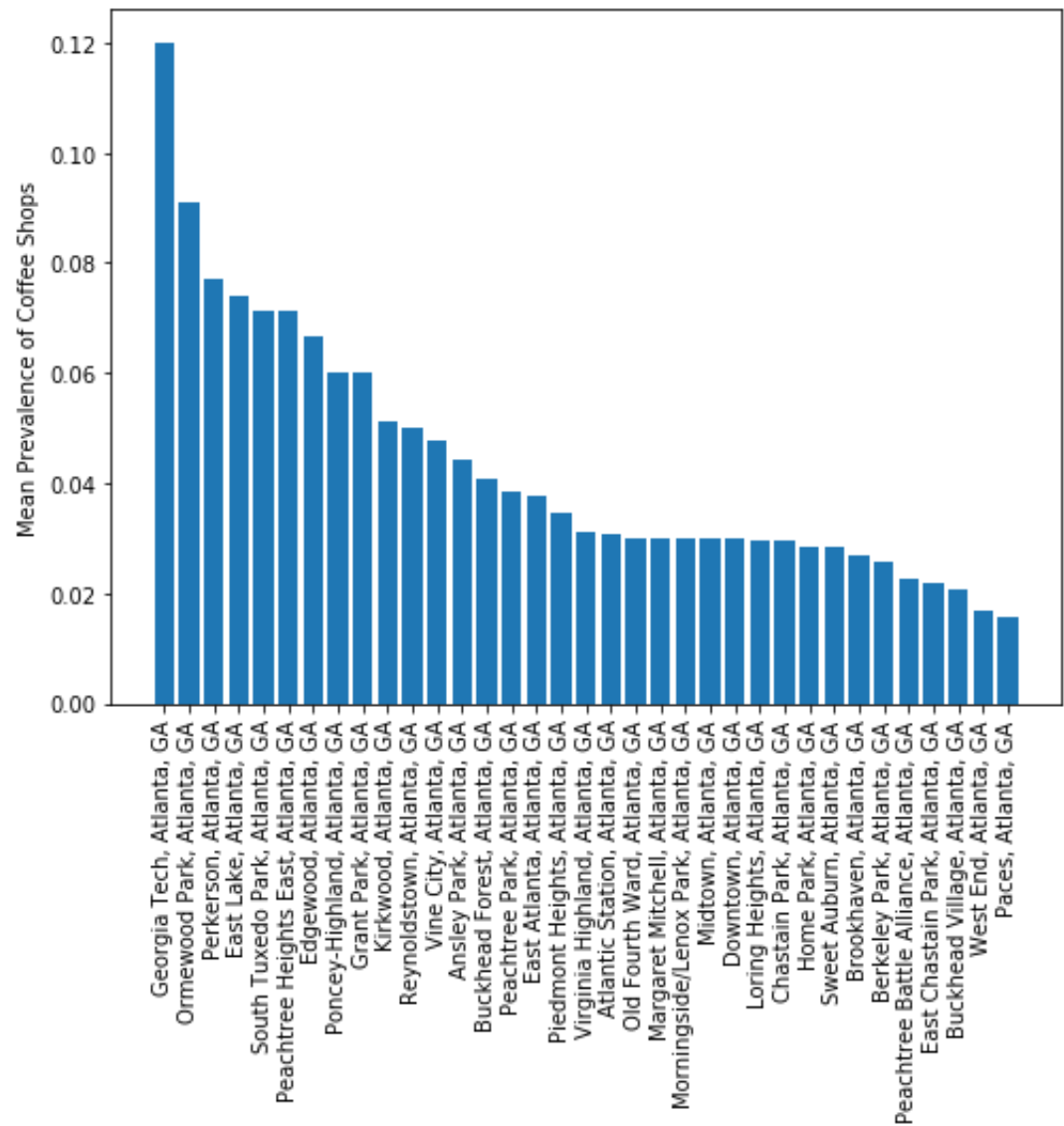
Limited to only those with venues (n = 73)



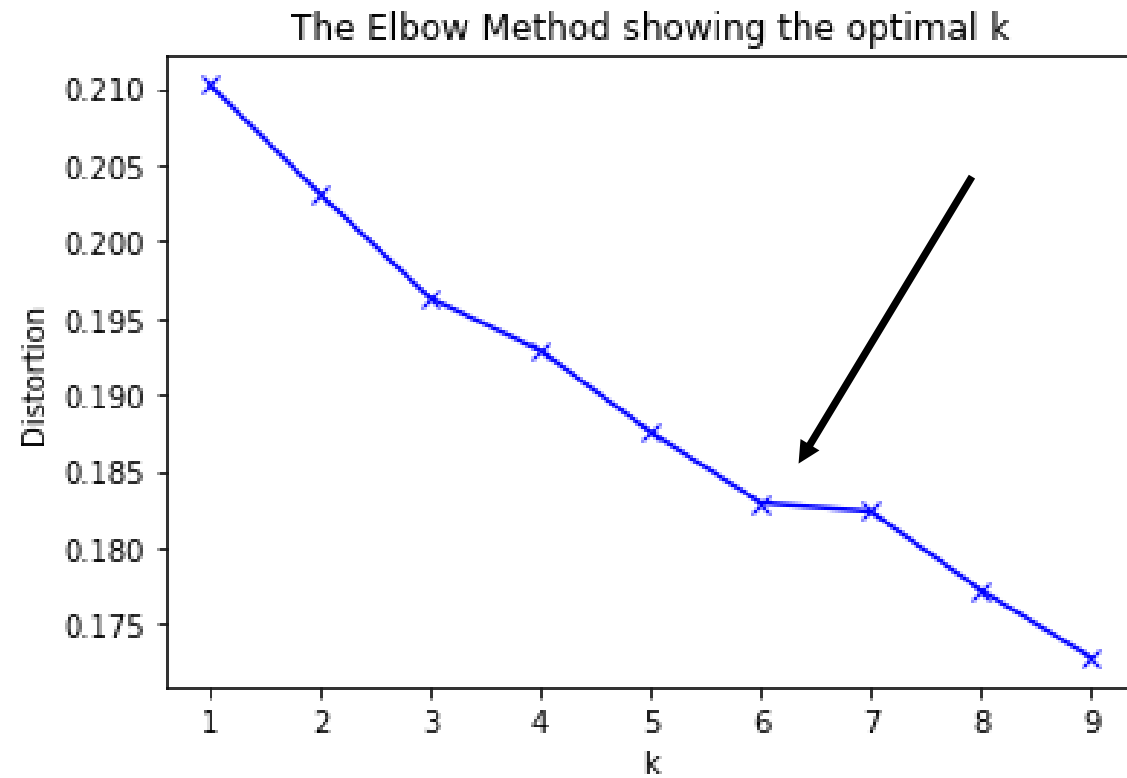
Revised Atlanta Neighborhood Centroids



Prevalence of Coffee Shops In Atlanta Neighborhoods



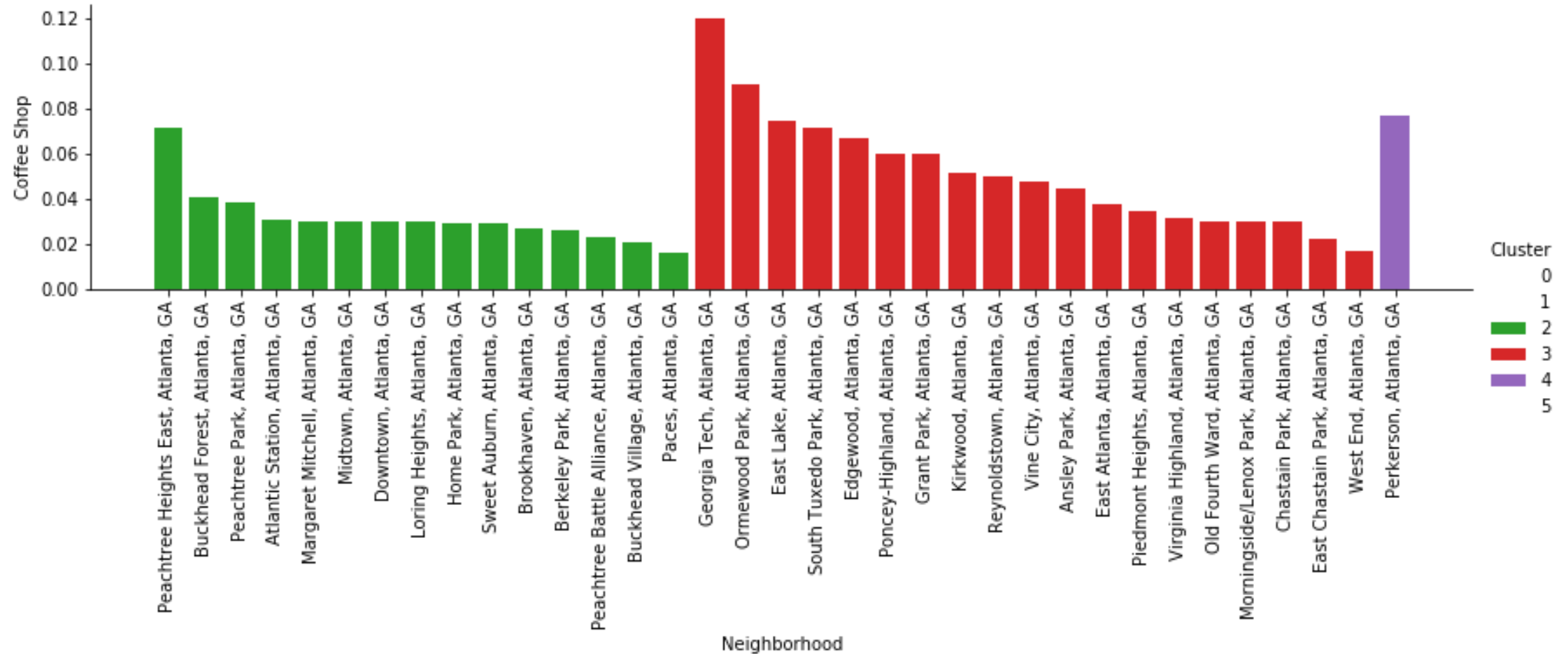
K Determination



1. Blue
2. Red
3. Green
4. Orange
5. Purple
6. Grey

1. Blue
2. Red
3. Green
4. Orange
5. Purple
6. Grey

Prevalence of Coffee Shops In Atlanta Neighborhoods



Detailed Look at Perkinson

	Neighborhood	Neighborhood Latitude	Neighborhood Longitude	Venue	Venue Latitude	Venue Longitude	Venue Category
2829	Perkinson, Atlanta, GA	33.68924	-84.41169	Rosie's Coffee Cafe	33.692132	-84.418177	Coffee Shop
2830	Perkinson, Atlanta, GA	33.68924	-84.41169	A Town Wings	33.682283	-84.407460	Wings Joint
2831	Perkinson, Atlanta, GA	33.68924	-84.41169	Dollar Tree	33.682039	-84.409839	Discount Store
2832	Perkinson, Atlanta, GA	33.68924	-84.41169	Shell	33.687100	-84.408629	Gas Station
2833	Perkinson, Atlanta, GA	33.68924	-84.41169	Papa John's Pizza	33.682138	-84.408262	Pizza Place
2834	Perkinson, Atlanta, GA	33.68924	-84.41169	Foot Locker	33.682259	-84.409267	Shoe Store
2835	Perkinson, Atlanta, GA	33.68924	-84.41169	The Empty Stocking Fund (Santa's Village)	33.692249	-84.406544	Toy / Game Store
2836	Perkinson, Atlanta, GA	33.68924	-84.41169	American Deli	33.681929	-84.408319	Wings Joint
2837	Perkinson, Atlanta, GA	33.68924	-84.41169	Rainbow Apparel	33.682577	-84.409967	Clothing Store
2838	Perkinson, Atlanta, GA	33.68924	-84.41169	Banks Liquor Store	33.695745	-84.408543	Liquor Store
2839	Perkinson, Atlanta, GA	33.68924	-84.41169	Boston Fish Supreme	33.681757	-84.414034	Fast Food Restaurant
2840	Perkinson, Atlanta, GA	33.68924	-84.41169	Metropolitan Pkwy & GA-166	33.696495	-84.408131	Intersection
2841	Perkinson, Atlanta, GA	33.68924	-84.41169	S.O.S Deli	33.696988	-84.410154	Restaurant

Ranking Each Neighborhood Venues

	Neighborhood	1st Most Common Venue	2nd Most Common Venue	3rd Most Common Venue	4th Most Common Venue	5th Most Common Venue	6th Most Common Venue	7th Most Common Venue	8th Most Common Venue	9th Most Common Venue	...	13th Most Common Venue	14th Most Common Venue	15th Most Common Venue
1	Ansley Park, Atlanta, GA	Discount Store	Fried Chicken Joint	Liquor Store	Fast Food Restaurant	Seafood Restaurant	Food	Chinese Restaurant	Laundromat	Gas Station	...	Falafel Restaurant	Food Court	Food & Drink Shop
2	Arden/Habersham, Atlanta, GA	Restaurant	Garden	Park	Coffee Shop	Gym / Fitness Center	Sandwich Place	Theater	American Restaurant	Botanical Garden	...	Museum	Squash Court	Bistro
3	Atlanta University Center, Atlanta, GA	Restaurant	Steakhouse	New American Restaurant	Burger Joint	Juice Bar	Lounge	Event Space	Taco Place	Gastropub	...	Museum	Kids Store	Bank
4	Atlantic Station, Atlanta, GA	Pizza Place	Wings Joint	Intersection	Sandwich Place	Buffet	Art Museum	Food Service	Café	Park	...	Fried Chicken Joint	Sports Bar	Eye Doctor
5	Berkeley Park, Atlanta, GA	Clothing Store	Women's Store	American Restaurant	Pizza Place	Shoe Store	Sandwich Place	Coffee Shop	Gym / Fitness Center	Boutique	...	Food Truck	Parking	Men's Store

Rate of Competing Businesses in Each Cluster

Coffee	
Cluster	
2	0.772727
3	0.515152

Neighborhoods in Cluster 2 without competing businesses

	Neighborhood	1st Most Common Venue	2nd Most Common Venue	3rd Most Common Venue	4th Most Common Venue	5th Most Common Venue	6th Most Common Venue	7th Most Common Venue	8th Most Common Venue	9th Most Common Venue	...	12th Most Common Venue	13th Most Common Venue	14th Most Common Venue
8	Brookhaven, Atlanta, GA	Gym	Furniture / Home Store	Mexican Restaurant	Rental Car Location	Performing Arts Venue	Gastropub	Brewery	Gourmet Shop	Kitchen Supply Store	...	Arts & Crafts Store	New American Restaurant	Soup Place
11	Buckhead Village, Atlanta, GA	Mexican Restaurant	Breakfast Spot	Restaurant	Shopping Plaza	New American Restaurant	Gym	Gym / Fitness Center	Vegetarian / Vegan Restaurant	Arts & Crafts Store	...	Middle Eastern Restaurant	Burrito Place	Pool
39	Lenox, Atlanta, GA	Nightclub	Gas Station	Art Gallery	Golf Course	History Museum	Gym / Fitness Center	Furniture / Home Store	BBQ Joint	Athletics & Sports	...	Electronics Store	Discount Store	Strip Club
50	Paces, Atlanta, GA	Hotel	Chinese Restaurant	Seafood Restaurant	Soccer Field	Discount Store	Restaurant	Thai Restaurant	Fast Food Restaurant	Weight Loss Center	...	Wings Joint	African Restaurant	Pizza Place
54	Peachtree Hills, Atlanta, GA	Gay Bar	Smoke Shop	Furniture / Home Store	Bank	Pet Store	Thrift / Vintage Store	Gym / Fitness Center	Video Store	Breakfast Spot	...	Taco Place	Storage Facility	Steakhouse

Winner: Buckhead Village (red). Second place: Brookhaven (yellow)

