Introduction

My friends and I are looking to go to Ocean City Maryland when COVID-19 slows down. The objective here is to find the best bar to go to each night to meet people.
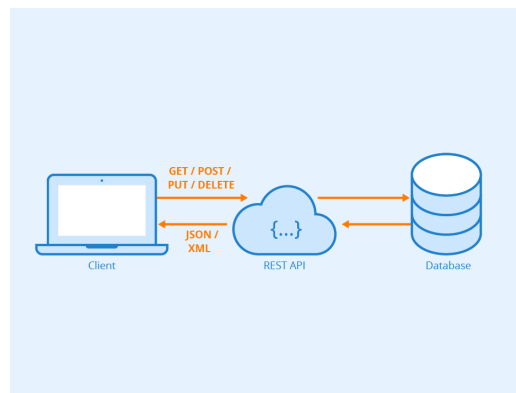
Data

We will utilize Foursquare location data, which includes the latitude and longitude of various locations. The information below can be retrieved from the API when called. Any valid address can be used to retrieve the data.
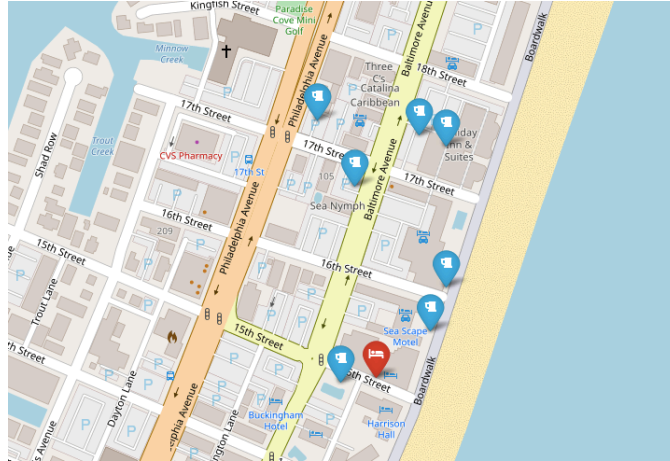
	name	categories	address	cc	city	country	crossStreet	distance	formattedAddress	labeledLatLngs	lat	lng	postalCode
0	15th St Pool Bar	Pool	15th St	US	Ocean City	United States	1409 Wilmington Ave	35	[15th St (1409 Wilmington Ave), Ocean City, MD...	[{'label': 'display', 'lat': 38.34485434235498...	38.344854	-75.078610	21842
1	Coral Reel Bar & Grill	Café	17 Atlantic Ave	US	Ocean City	United States	NaN	246	[17 Atlantic Ave, Ocean City, MD 21842, United...	[{'label': 'display', 'lat': 38.34708214785496...	38.347082	-75.077709	21842
2	Franco's Pizza & Bar	Pizza Place	1511 Atlantic Ave	US	Ocean City	United States	16th St On The Boards	71	[1511 Atlantic Ave (16th St On The Boards), Oc...	[{'label': 'display', 'lat': 38.345314, 'lng':...	38.345314	-75.077580	21842

Methodology

We will scrape location data using an API and determine using the reviews of nearby bars which one is the best bar

We then load a map backdrop and use the data from the API to determine what bars of interest will be around the hotel my friends and I are staying at.

Finally, we determine what bars match our preferences and are popular with people in their 20s.

Results

Ocean 13 is the bar of choice, with the most similarity to our prefrences.