

Introduction/Business Problem

Mr. Alex wants to start a business in area code 43226, Hilliard, Ohio , USA. He is a person of many skills, so he is looking to find what kind of businesses have less competition, and are in demand. His eyes are on some type of food service industry, but he is also open on exploring other ideas.

Data section

Starting from an address in a shopping center in the area, Walmart store in our case, Mr. Alex wants a report about surrounding businesses and any other information that may be useful for him to take an educated decision. In this first part of the project I will be just getting the coordinates latitude and longitude of the chosen address. Next part, I will be exploring the neighborhood to discover multiple venues, and do any necessary transformations such as filtering and converting to a pandas dataframe for processing.

Python code

```
address = '1755 Hilliard Rome Rd, Hilliard, Ohio, 43026'  
geolocator = Nominatim(user_agent="foursquare_agent")  
location = geolocator.geocode(address)  
latitude = location.latitude  
longitude = location.longitude  
print(latitude, longitude)
```

Output:

```
40.013429 -83.153332
```