1. Introduction

The problem I would try to answer is - "Are more people relocating in bigger cities in Bulgaria?" In the country where I live - Bulgaria there is a tendency for unemployment to rise in the smaller cities. I will use only one feature to answer, the GDP or income of the population in given province.

This project can be used by business owners to show them where more employees are, which reflects to their incomes. On the other hand, it helps employees to show them in which province the income is higher so that they could go there.

2. Data used and sources

This is problem in Bulgaria, which I consider long time ago. Unfortunately, in that case I will not use Foursquare, so I keep in mind the fact I will be sanctioned for that, whatever hope I have done some proper analysis on the data used. So, I will use data from Bulgaria's 'National Statistical Institute' - National statistical institute (nsi.bg):

- dataset showing GDP per regions (or provinces - biggest cities in Bulgaria) for 2015 - 2019 -> by this dataset we extract the GDP for each region for 2015, 2016, 2017, 2018, 2019 - there are 27 regions in Bulgaria/ in Bulgaria. The GDP is the main feature I will use for my analysis. This table includes region, GDP and more things that will be excluded from it.
- dataset showing population of Bulgaria for 2015-2019 -> by this dataset we get the number of populations for each region for 2015, 2016, 2017, 2018, 2019. This table consists of total population for each province. By total I mean including smaller cities that are occupying the province.
- dataset showing coordinates of each country in Bulgaria -> used to get coordinates of cities in Bulgaria, so that I can visualize them on map. here we have only the coordinates of each province.

3. Methodology

I will Use GDP per province grouped with its population for each year, then will get the average GDP for each province for those years. Using the average, we can see whether the GDP is dropping or going up based on the population.

4. Results

When the GDP of province goes up and the population goes up.

5. Discussion and conclusion

I know my work is poor, but I am watching this problem since very long time.

In conclusion I could say that Bulgaria is one of the top countries in the world leading by urbanization factor.