

# Applied Data Science Capstone



- The problem that is going to be presented are the perks and benefits of living in two Croatian cities: Zagreb and Varaždin.

# Data

- coffee shops
- bars
- pubs
- clubs
- restaurants
- theaters
- shopping centers

# Data

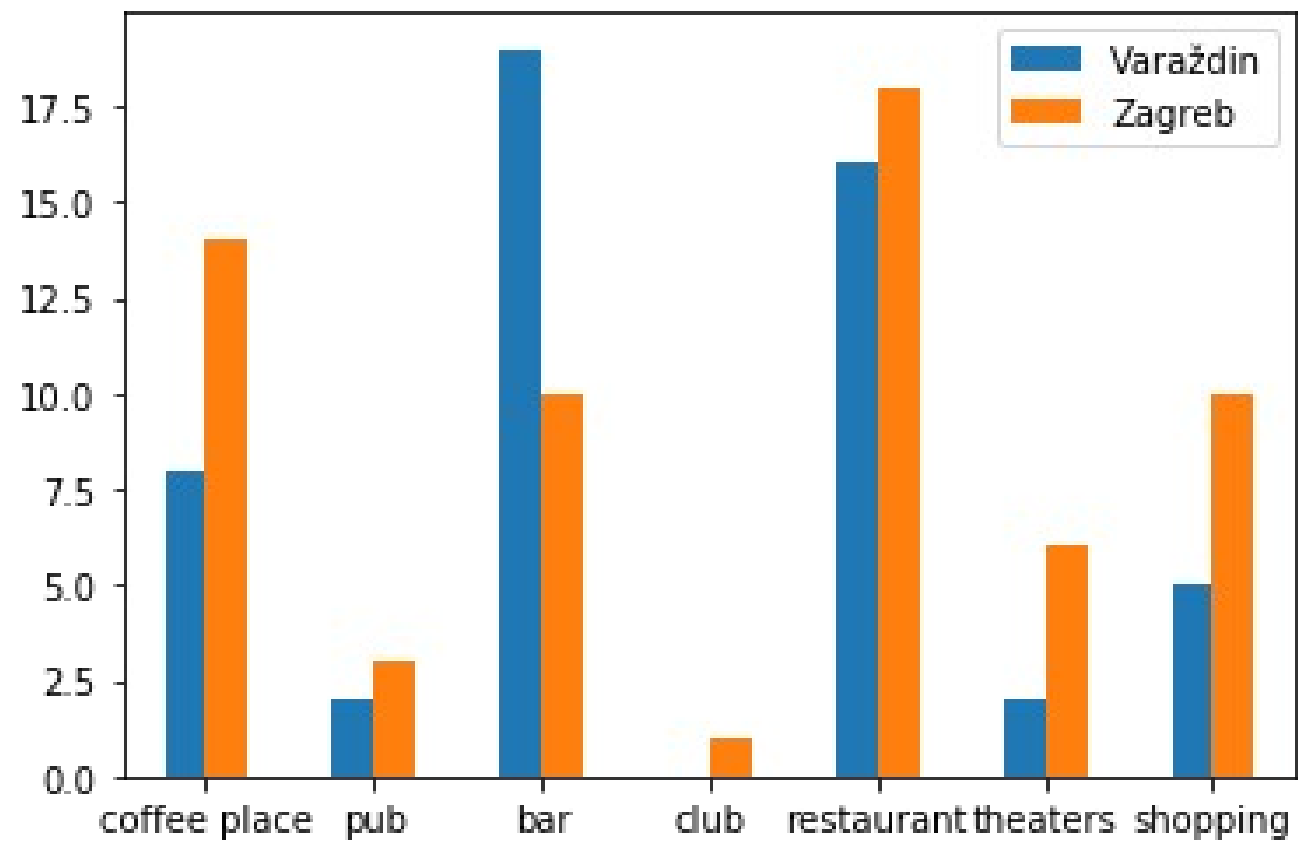
- crime rate
- quality of life index
- average salary
- cost of living
- apartment price
- rent
- preschool price

# Source Of Data

- Foursquare API
- [www.numbeo.com](http://www.numbeo.com)

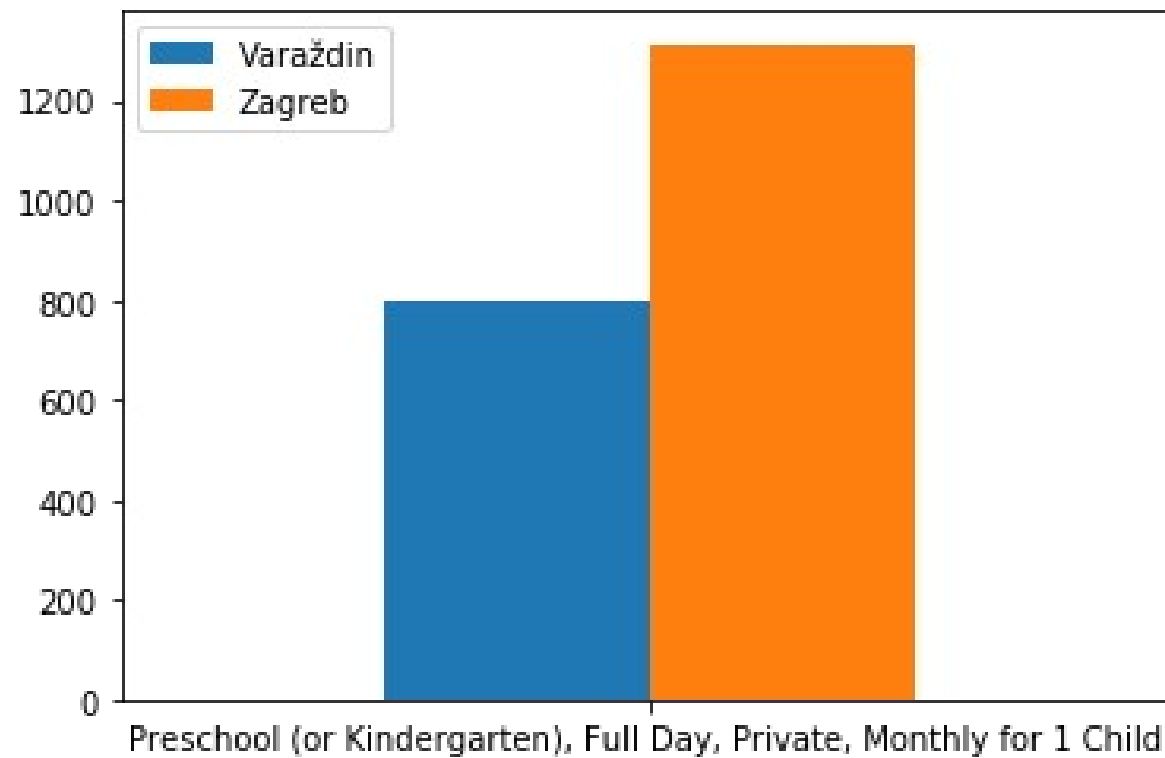
# Results

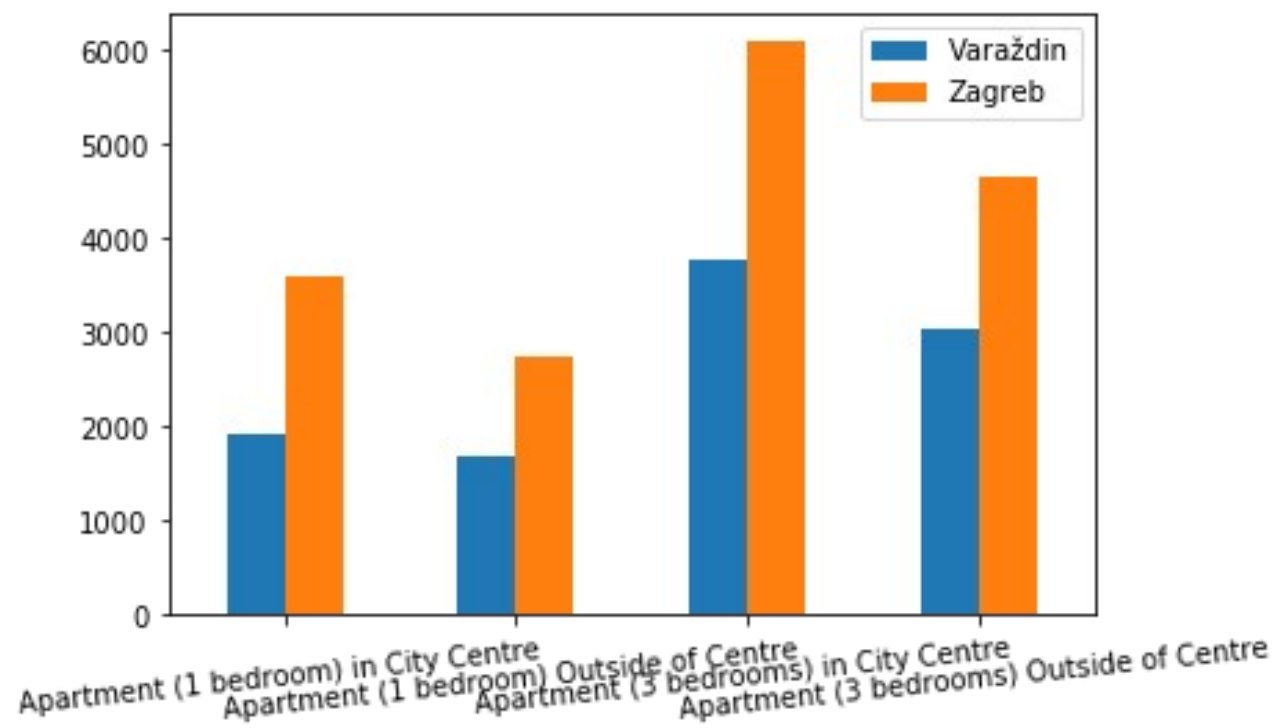
	<b>Varaždin</b>	<b>Zagreb</b>
<b>coffee place</b>	8	14
<b>pub</b>	2	3
<b>bar</b>	19	10
<b>club</b>	0	1
<b>restaurant</b>	16	18
<b>theaters</b>	2	6
<b>shopping</b>	5	10

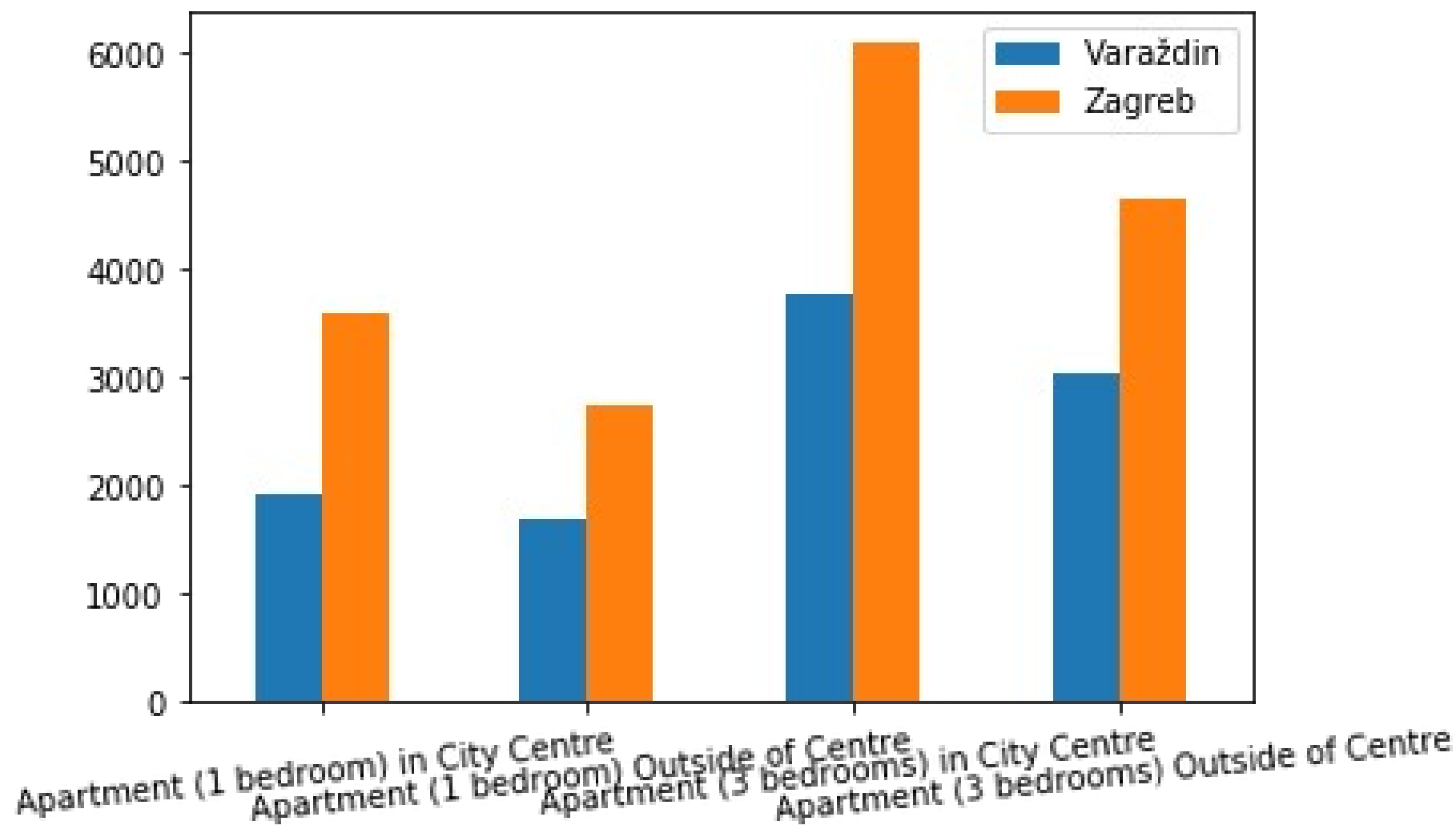


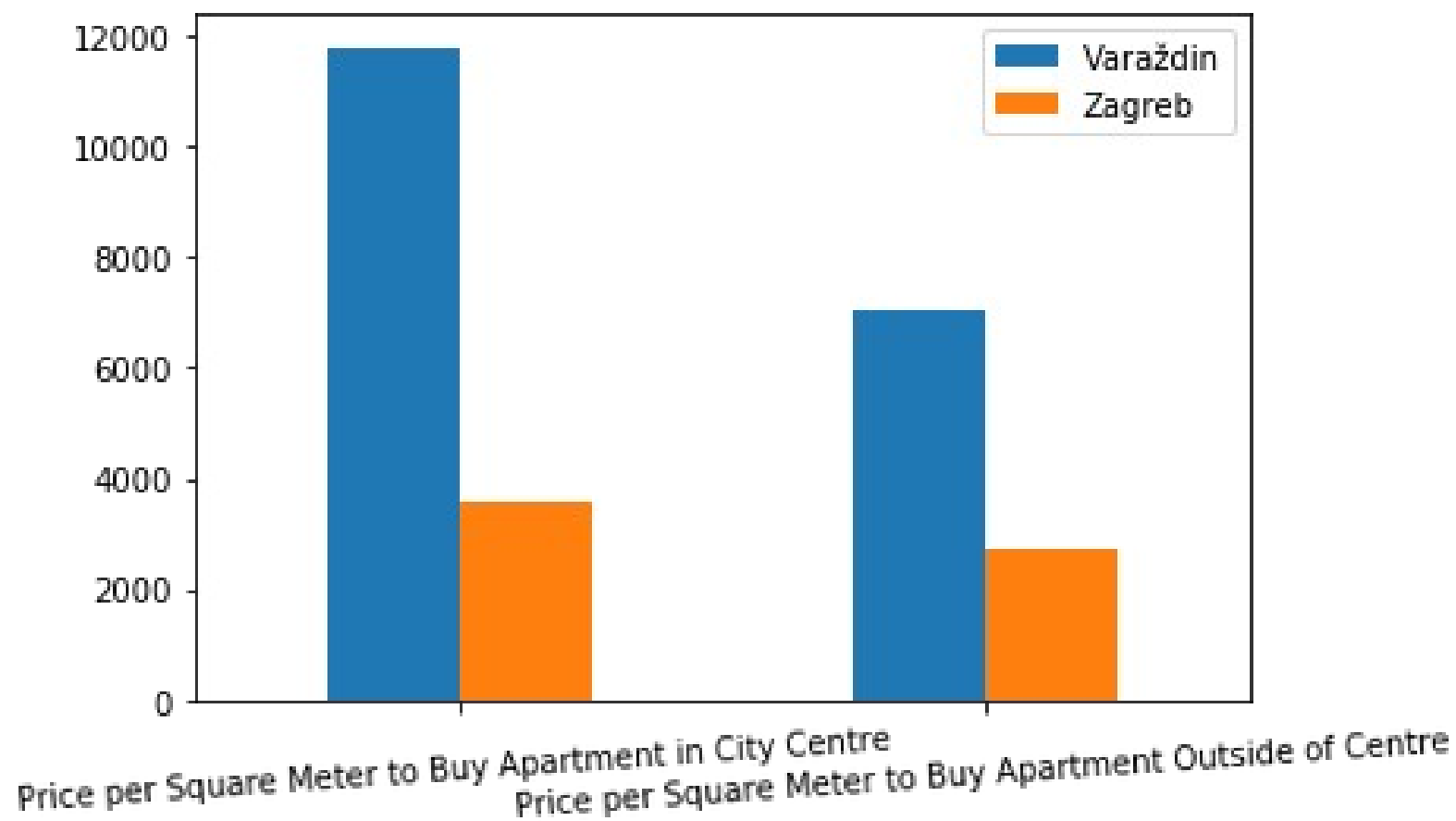
	<b>Varaždin</b>	<b>Zagreb</b>
<b>Preschool (or Kindergarten), Full Day, Private, Monthly for 1 Child</b>	800.00	1313.45
<b>Apartment (1 bedroom) in City Centre</b>	1918.00	3595.18
<b>Apartment (1 bedroom) Outside of Centre</b>	1673.51	2722.55
<b>Apartment (3 bedrooms) in City Centre</b>	3761.01	6086.62
<b>Apartment (3 bedrooms) Outside of Centre</b>	3041.34	4639.60
<b>Price per Square Meter to Buy Apartment in City Centre</b>	11777.45	3595.18
<b>Price per Square Meter to Buy Apartment Outside of Centre</b>	7024.46	2722.55
<b>Basic (Electricity, Heating, Cooling, Water, Garbage) for 85m2 Apartment</b>	1324.09	3595.18
<b>1 min. of Prepaid Mobile Tariff Local (No Discounts or Plans)</b>	0.88	2722.55
<b>Internet (60 Mbps or More, Unlimited Data, Cable/ADSL)</b>	136.00	6086.62
<b>Average Monthly Net Salary (After Tax)</b>	3816.67	7114.45
<b>Quality Of Life Index</b>	155.67	158.31
<b>Crime Index</b>	20.93	22.19

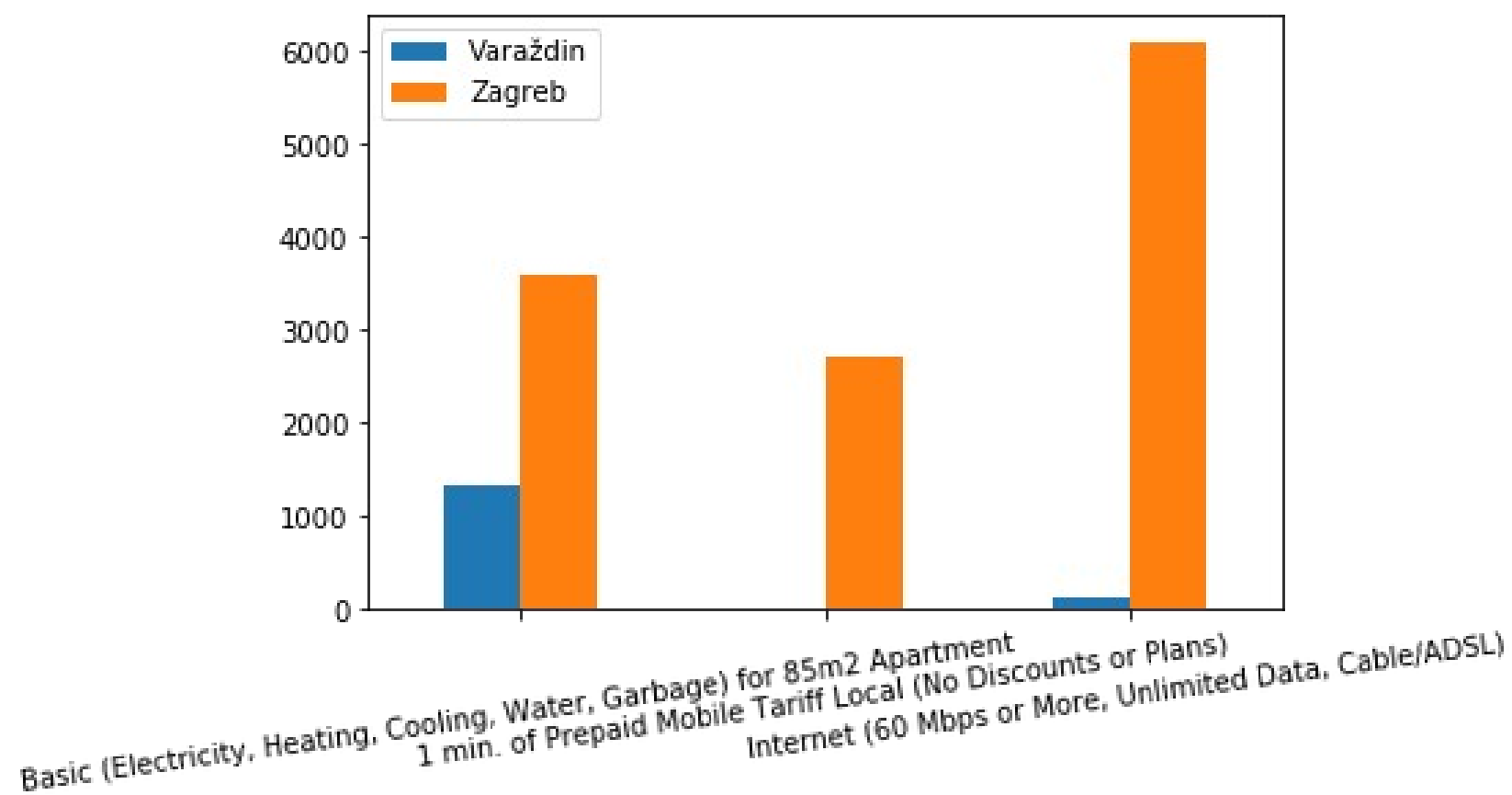


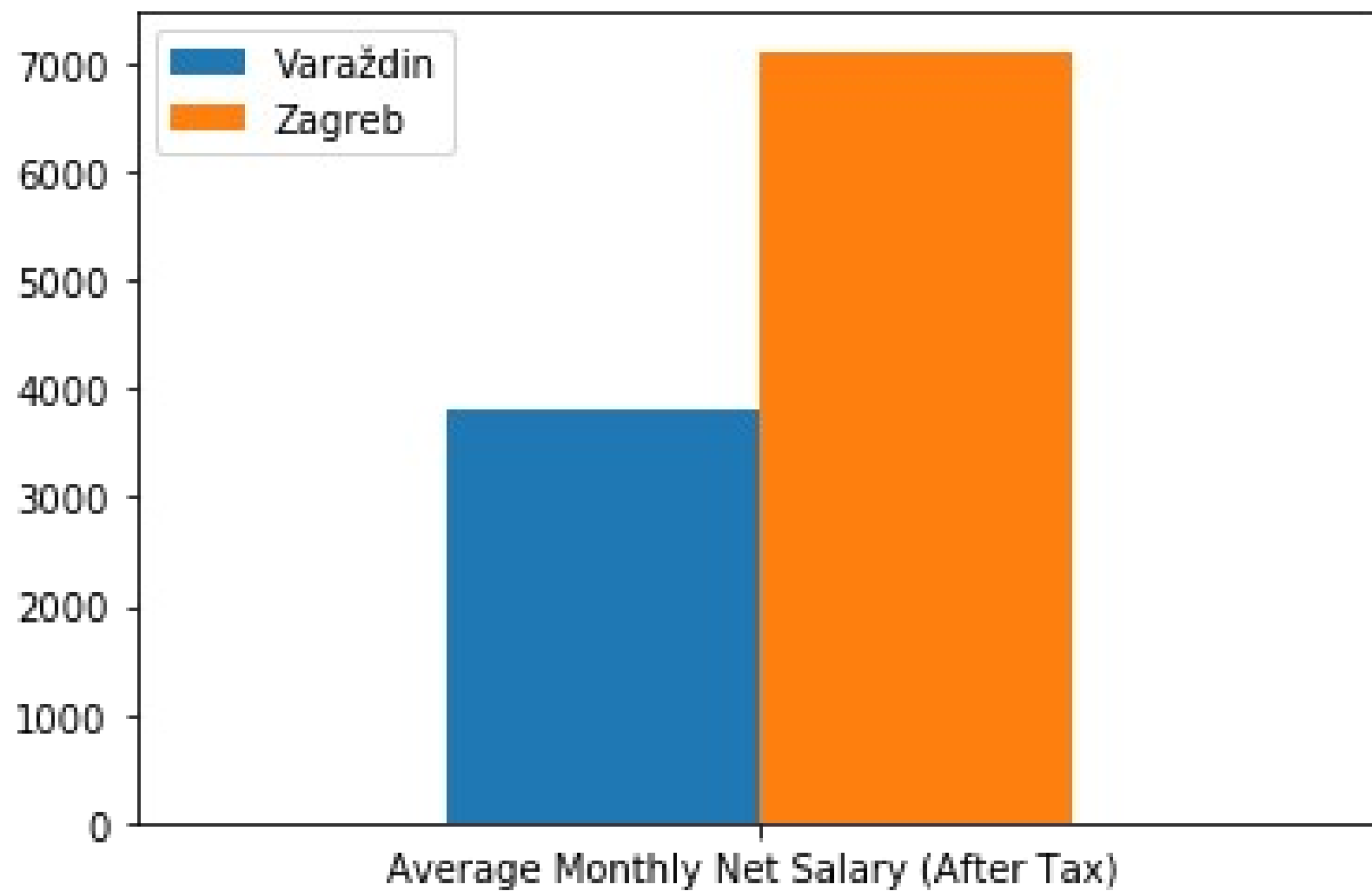


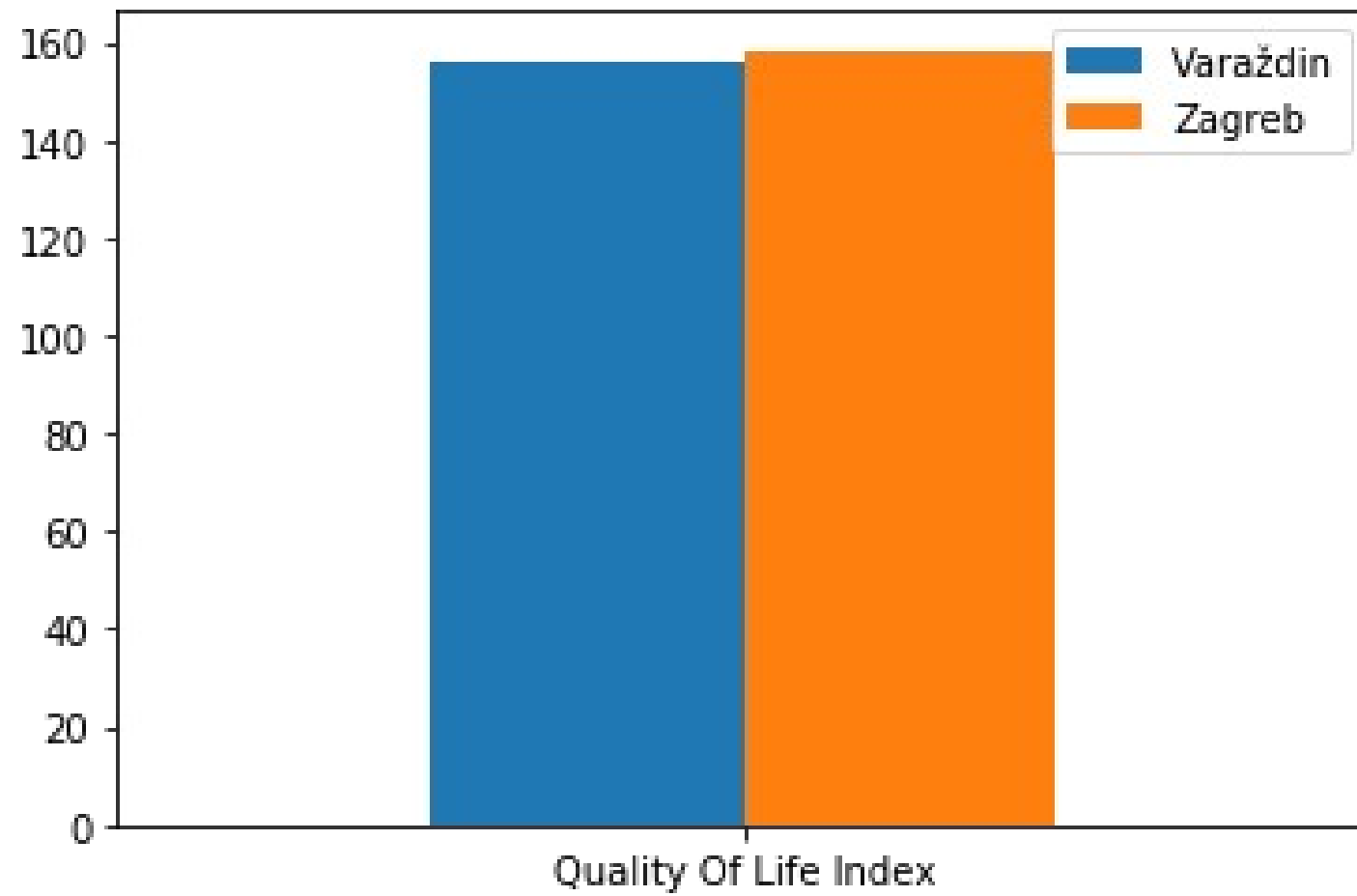


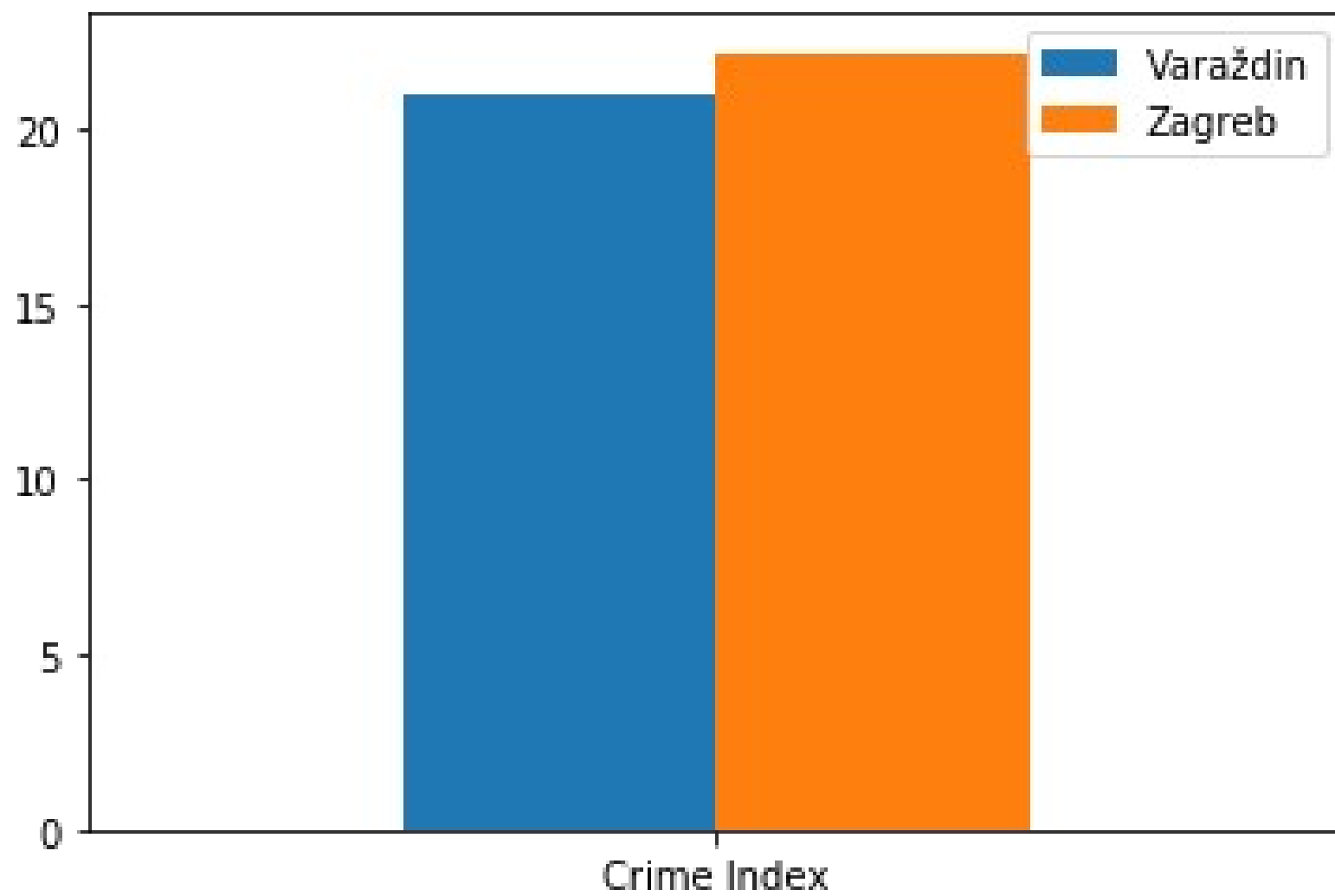














# Conclusion

- we need more data from numbeo for Varaždin to make some assumptions regarding the prices of living.
- We can agree though that Zagreb would be a more interesting place to live for a younger person, but for a family that maybe wants a quiet place that is not so expensive, we can't make much conclusion with this data