## Choosing a city for a relocation

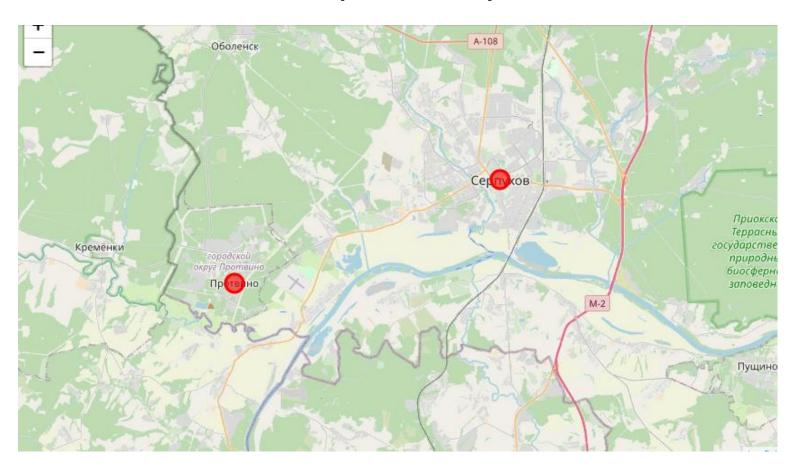
Alexey Leontyev May, 5<sup>th</sup> 2020

## In two weeks time a family is going to relocate

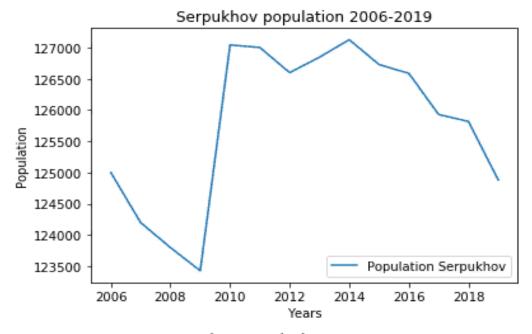
- There is a wife and 2 children
- We have to choose from 2 cities
- Main criteria access to entertaining facilities

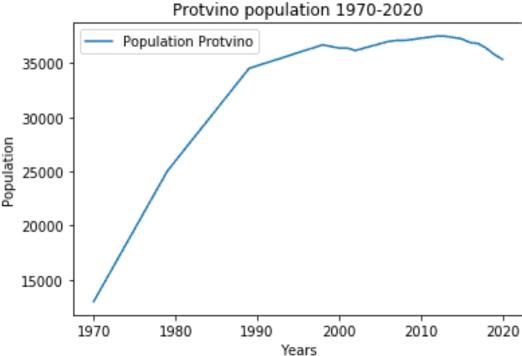


## Cities are in close proximity

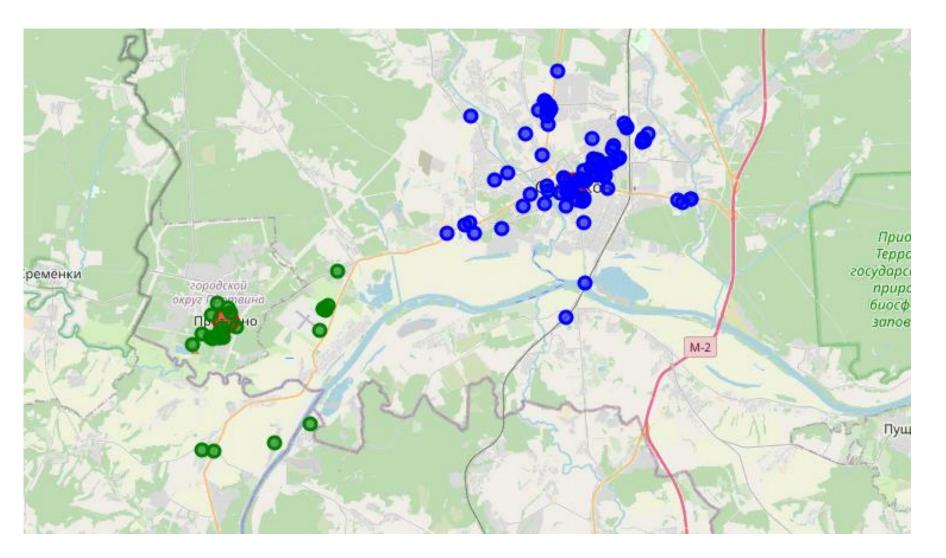


Serpukhov (on the right) appear bigger in terms of square





- Serpukhov is ~5 times bigger in terms of population
- Both cities demonstrate a decline since 2010-2012



Total number of Foursquare venues is 87 vs 22

Protvino has more outdoor facilities related to rivers and lakes

categories Entertainment

O Beach Y

Pub Y

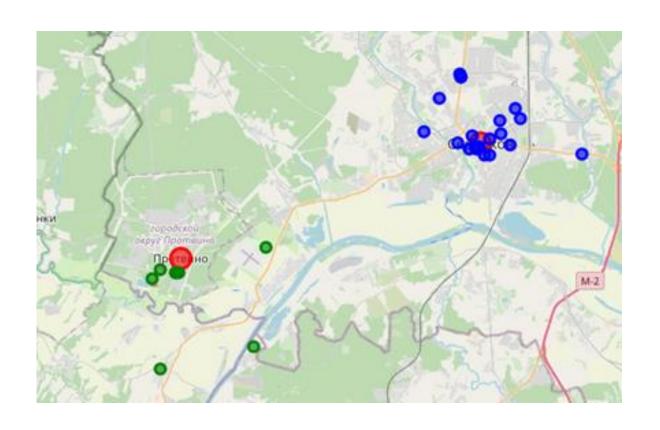
Spa Y

Athletics & Sports Y

Food Y

Only ¼ of all venues are entertainment related: 22 and 8

Entertainment	id	Ing	lat	categories	name	
Υ	573c45b7498eca68d535e1d6	37.418401	54.914220	Burger Joint	Прожарка	0
Υ	51b491f5498eb97867d54651	37.415952	54.914231	Blini House	Три Сковородки	1
Υ	5cfba0508496ca002c2566d9	37.411720	54.913395	BBQ Joint	Kitchen Market	2
Υ	505de15de4b08887c64c54ef	37.416524	54.913715	Ukrainian Restaurant	Шинок "Куманец"	3
Υ	4c45949759d99c746525fcad	37.418634	54.914256	Tea Room	Матрена	4



Protvino clearly lacks entertainment facilities in a city center

Serpukhov a much richer in terms of access to entertainment

	Town	Entertaining venues	Population	Venues per 1000 people
0	Serpukhov	22	126273	0.174226
1	Protvino	8	35367	0.226200

Entertaining facilities in Serpukhov might be overcrowded as "per capita" measure is worse compared with Protvino

The choice of a family is Serpukhov