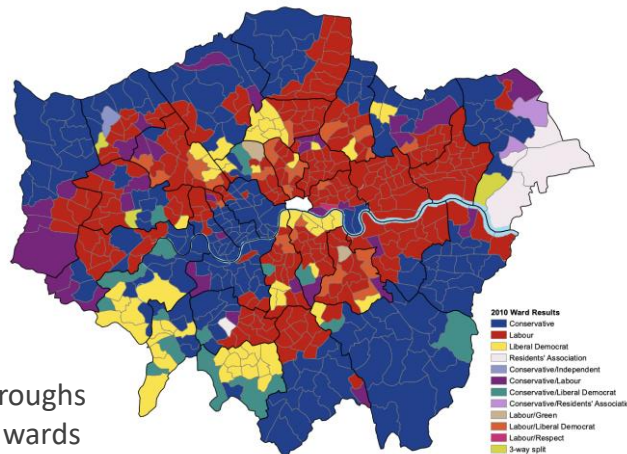


# Data Visualization

## ASSIGNMENT 3

Tea Tušar, Data Science and Scientific Computing, Information retrieval and data visualization

## London local elections (2010): Map of boroughs and wards



32 boroughs  
> 600 wards

# London local elections (2010): Results

The position of candidates in the ballot is alphabetical

Results only for the three major parties (Lab, Cons, Lib Dem)

	Year	Ward code	Borough	Ward	Name	Party	Votes	Elected	Rank	Ballot position	Party position	Num candidates
0	2010	00ABFX	Barking and Dagenham	Abbey	Butt, Laila	Lab	3412	True	1	1	1	7
1	2010	00ABFX	Barking and Dagenham	Abbey	Hussain, Manzoor	Lab	3139	True	2	3	2	7
2	2010	00ABFX	Barking and Dagenham	Abbey	Saeed, Tariq	Lab	3122	True	3	6	3	7
3	2010	00ABFX	Barking and Dagenham	Abbey	Taylor, John W.	Cons	671	False	4	7	3	7
4	2010	00ABFX	Barking and Dagenham	Abbey	Iqbal, Mohammed C.	Cons	650	False	5	4	1	7
5	2010	00ABFX	Barking and Dagenham	Abbey	Gomes, Anthony	Lib Dem	603	False	6	2	1	7
6	2010	00ABFX	Barking and Dagenham	Abbey	Rahman, Shahidur	Cons	546	False	7	5	2	7
9	2010	00ABFY	Barking and Dagenham	Alibon	Rodwell, Darren	Lab	2245	True	1	4	3	5
10	2010	00ABFY	Barking and Dagenham	Alibon	Davis, John	Lab	2135	True	2	2	2	5
11	2010	00ABFY	Barking and Dagenham	Alibon	Alasia, Sanchia	Lab	1995	True	3	1	1	5
15	2010	00ABFY	Barking and Dagenham	Alibon	Patten, Vivian	Cons	687	False	4	3	1	5
16	2010	00ABFY	Barking and Dagenham	Alibon	Ryder, Richard D.	Lib Dem	529	False	5	5	1	5

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## Two questions

1. Does the candidate position in the ballot influence the number of votes received (or success achieved)?
2. If it does, is the influence different depending on the borough?

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## Assignment 3

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- Create a visualization (or two, but not more) to answer the two questions
- Send me the visualization(s) via private chat on Teams by **Tuesday, October 25**