INTRODUCTION TO SOCIAL MEDIA AND BIG DATA FOR MIGRATION STUDIES

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ABOUT Jisu

Jisu holds a PhD in Data Science from Scuola Normale Superiore in Italy. She has been working on exploring and establishing novel methods to improve relevant statistics of international migration using social media data. Her research focuses on the intersection of migration sciences, economics of migration, complex social networks, statistical models and data-driven algorithms.

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ABOUT Ebru

Ebru holds a PhD in Public Policy and Administration from Bocconi University in Italy. Her PhD studies centered on demography and migration studies and she obtained her degree in 2021 with her dissertation *Digital and Computational Approaches to Migration Studies: 3 Essays*. Her research focuses on the patterns and outcomes of migration and mobility, combining of digital trace data and traditional data.
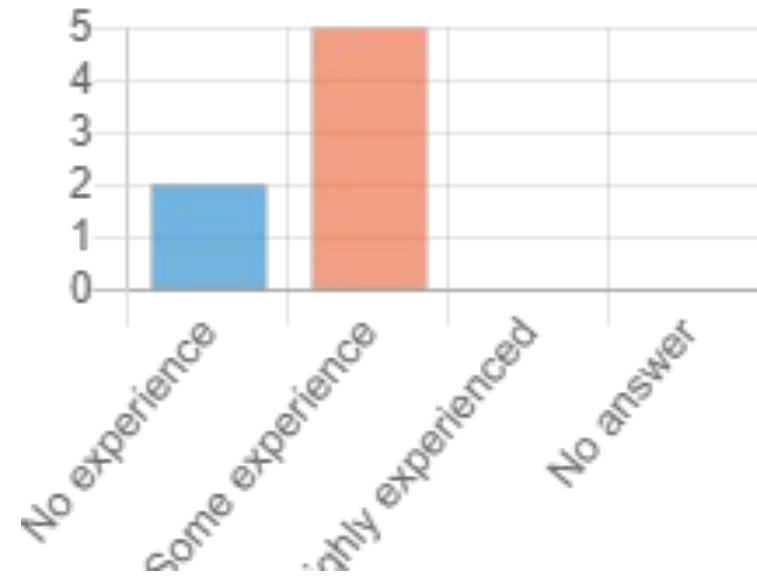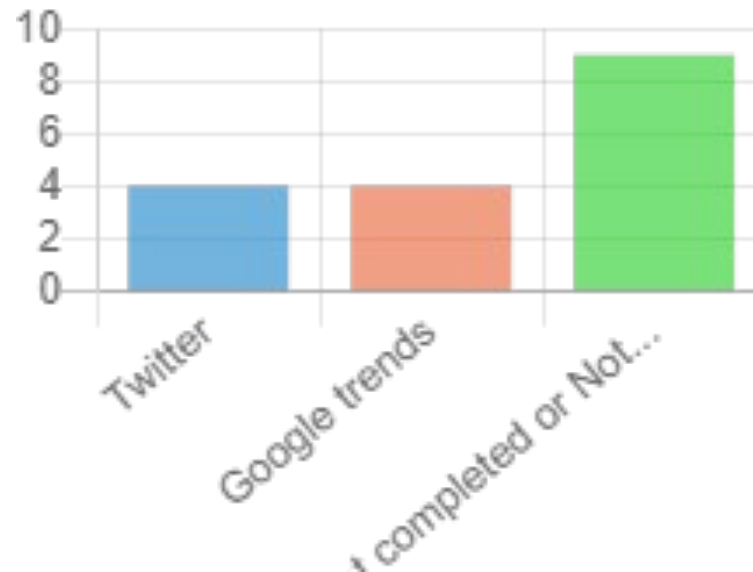
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Tell us about yourselves :)

AGENDA

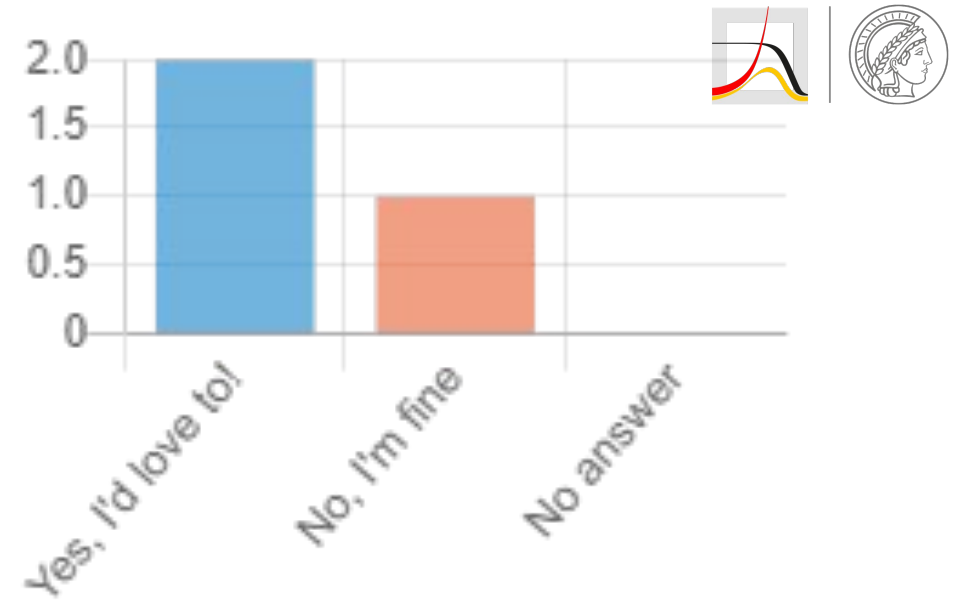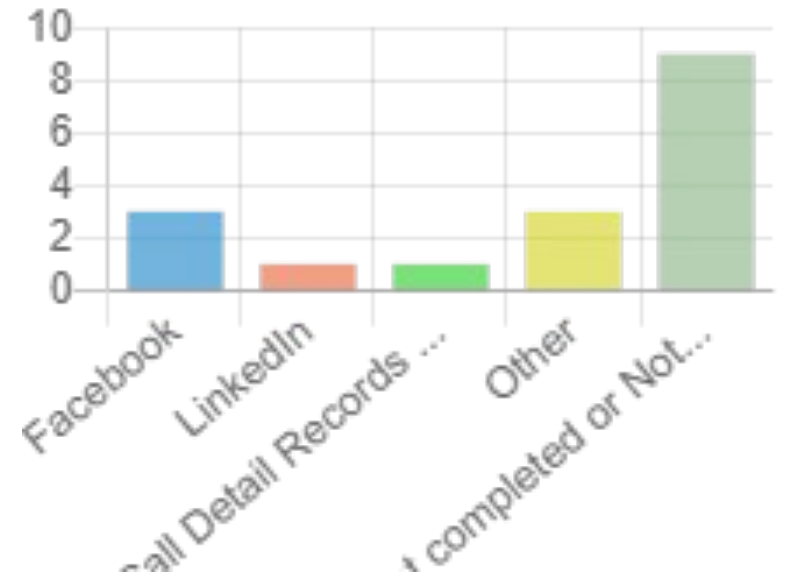|	
1:00 - 1:30	Introduction to instructors and the outlines of the course
1:30 - 2:15	Google trends data in migration studies by Ebru
2:15 - 2:30	Using R to retrieve data + Q&A
2:30 - 3:00	Practical exercise using gtrendsR
3:00 - 3:15	Coffee break
3:15 - 4:00	Twitter data in the studies of migration by Jisu
4:00 - 4:30	Using R and Python to retrieve data + Q&A
4:30 - 4:55	Practical exercise (Hands-on)
4:55	Closing remarks
5:00	End of Workshop

Survey results

What's your coding skill level?

Would you be interested in learning the codes in the practical part in the other programming language?

Are you planning to use Twitter or Google in your research?

Are you interested in other social big data for your research?

Course materials

Google trends:

https://github.com/EbruSanliturk/PAA2022Workshop

Twitter:

https://github.com/jisukimmmm/PAA2022Workshop

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