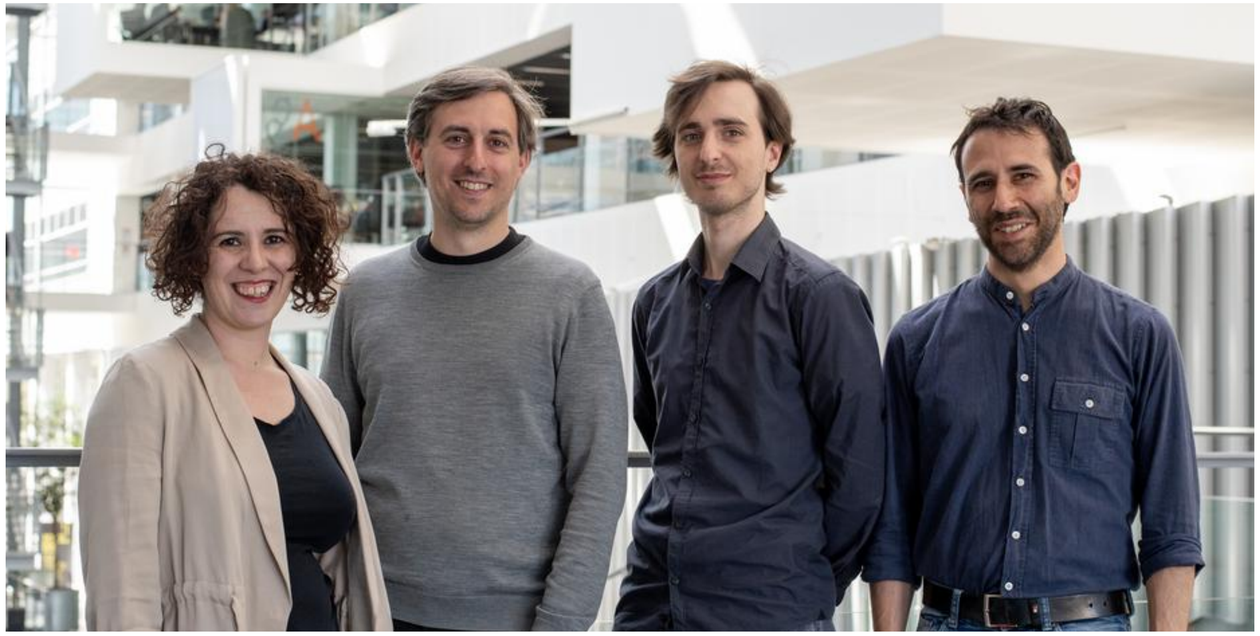
# Projects for the Research Project Market
# ITU, Aug. 26th 2019

# NEtwoRks, Data and Society (NERDS) research group

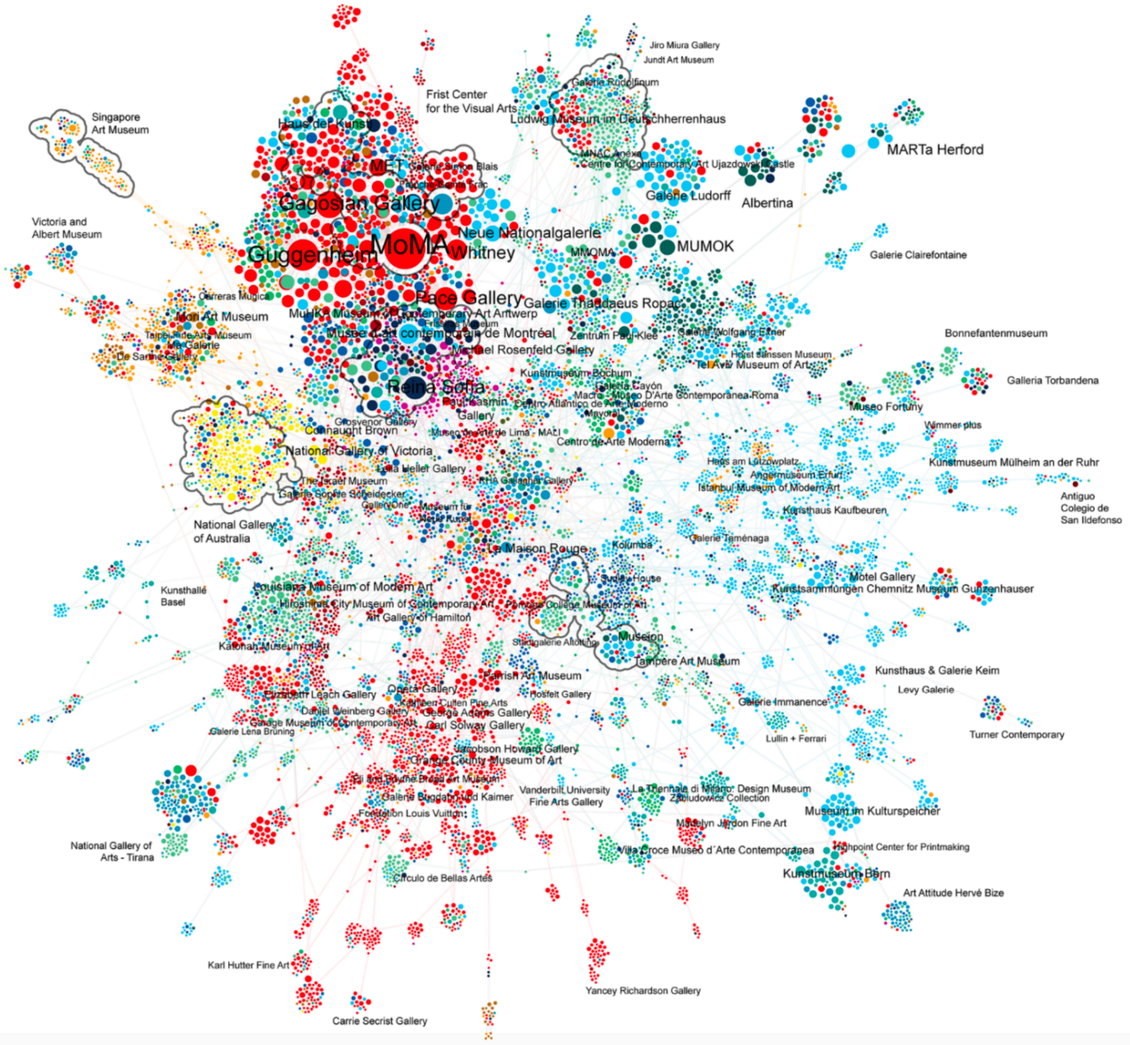


https://nerds.itu.dk/

# NEtwoRks, Data and Society (NERDS) research group

https://nerds.itu.dk/

# Our expertise is network science


Singapore Art Museum
Victoria and Albert Museum
Frist Center for the Visual Arts
Ludwig Museum im Deutschherrenhaus
Jiro Miura Gallery
Jundt Art Museum
MET
Gagosian Gallery
Guggenheim
MoMA
Whitney
Neue Nationalgalerie
MUMOK
MARTa Herford
Albertina
Galerie Ludorff
Galerie Claire fontaine
Pace Gallery
Galerie Thaddaeus Ropac
Reina Sofia
Museo Nacional Centro de Arte Reina Sofía
Museo de Arte Contemporáneo de Monteal
Michael Rosenfeld Gallery
Zentrum Paul Klee
Tel Aviv Museum of Art
Bonnefantenmuseum
Galleria Torbandena
Museo Fortuny
Kunstmuseum Mülheim an der Ruhr
Antiguo Colegio de San Ildefonso
Kunsthaus Kaufbeuren
Motel Gallery
Kunstsammlungen Chemnitz Museum Gunzenhauser
Kunsthaus & Galerie Keim
Levy Galerie
Turner Contemporary
Galerie Immanence
Lullin + Ferrari
Museum im Kulturspeicher
Kunstmuseum Bern
Art Attitude Hervé Bize
Yancey Richardson Gallery
Carrie Secrist Gallery
Karl Hutter Fine Art
National Gallery of Arts - Tirana
Círculo de Bellas Artes
Villa Croce Museo d'Arte Contemporanea
Pinpoint Center for Printmaking
Marilyn Jordon Fine Art
Vanderbilt University Fine Arts Gallery
Fondation Louis Vuitton
Galerie Bernard Ceysson
Galerie Wolfgang Exner
Galerie Lena Brüning
Jacobson Howard Gallery
Orange County Museum of Art
Carl Solway Gallery
Galerie Barbara Thumm
Galerie Nadja Vilenne
Galerie Max Hetzler
Galerie Buchholz
Galerie Gisela Capitain
Galerie Isabella Bortolozzi
Galerie Eigen + Art
Galerie Neu
Galerie Barbara Weiss
Galerie Tanit
Galerie Nagel Draxler
Galerie Crone
Galerie Guido W. Baudach
Galerie Max Hetzler
Galerie Gebr. Lehmann
Galerie Michael Fuchs
Galerie Thomas Schulte
Galerie Barbara Wien
Galerie Nordenhake
Galerie Meyer Kainer
Galerie Peter Kilchmann
Galerie Mezzanin
Galerie Andreas Binder
Galerie Andreas Huber
Galerie Andreas Lendl
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Galerie Andreas Reinhardt
Galerie Andreas Schmidt
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Galerie Andreas Schneider
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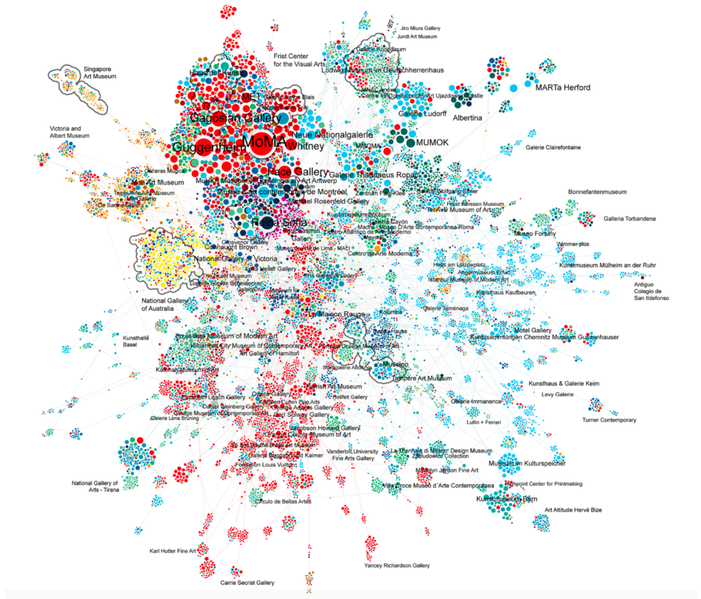
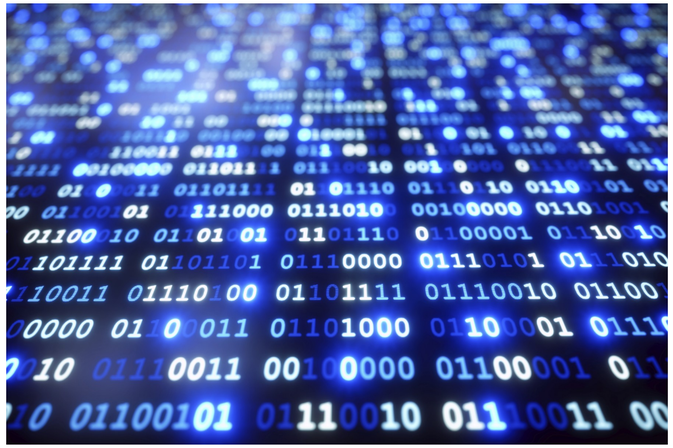
# We research network and data science applications to social systems



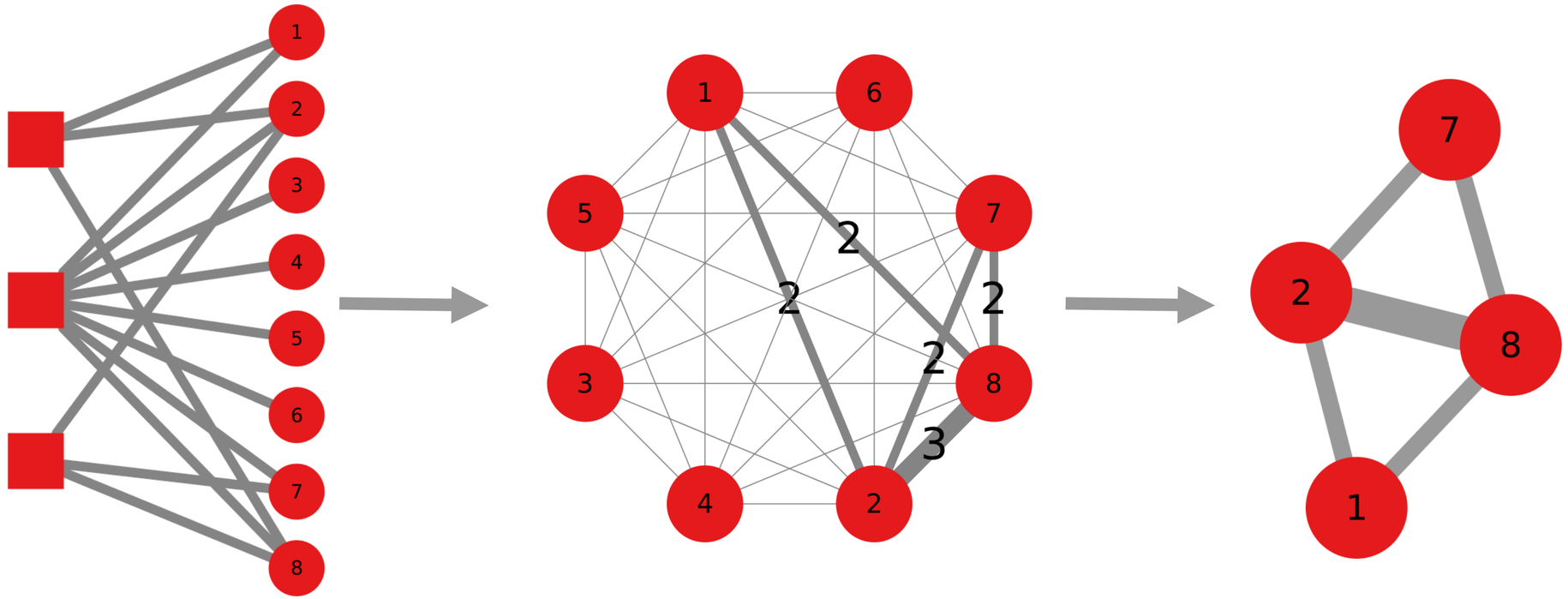



# We research network and data science applications to social systems

4 projects

# (Project 1), Projecting and backboning bipartite networks

Supervisor: Michele Coscia, Luca Rossi. Recommended for SD and CS students

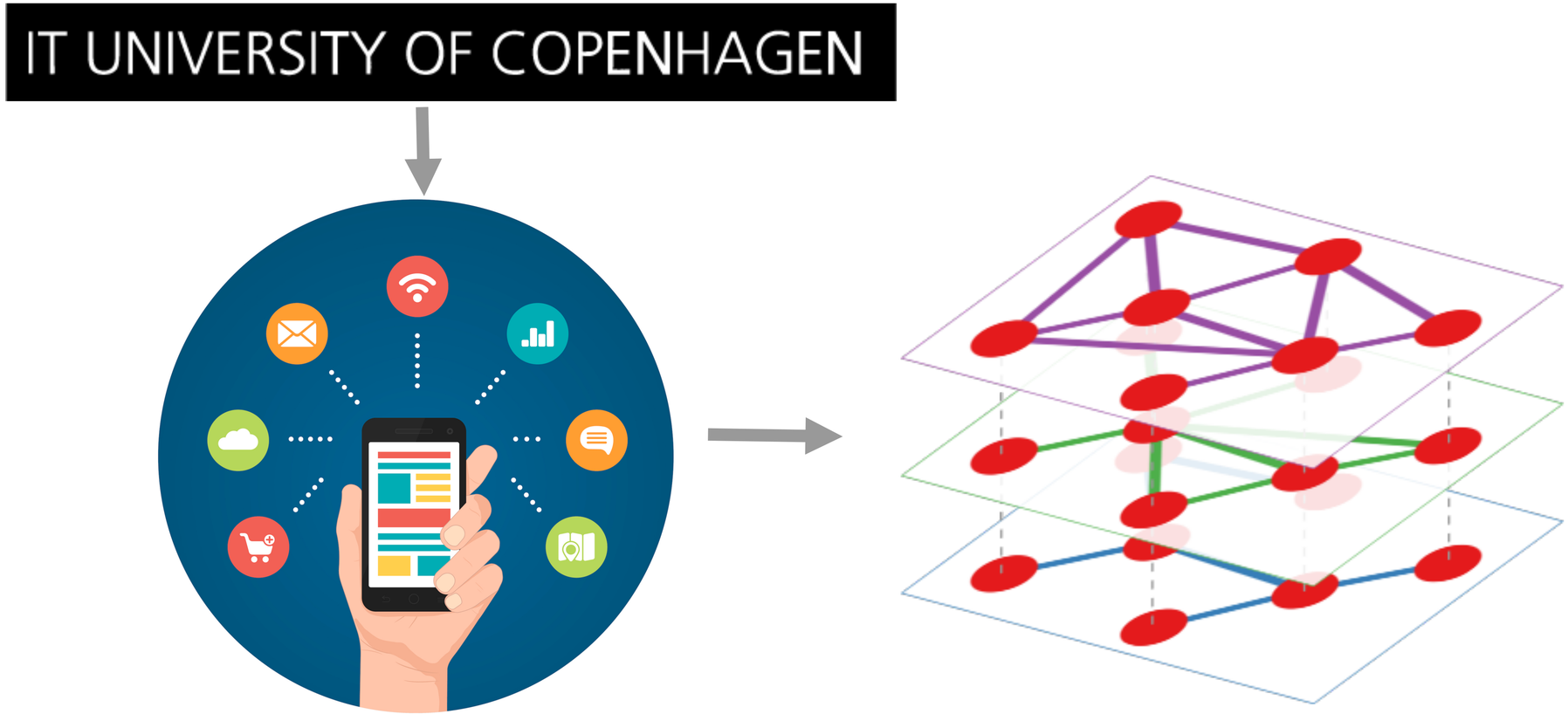



More project ideas:

http://www.michelecoscia.com/?page_id=1626 (4E04)

# (Project 2), Creating and analyzing the ITU multi-layer network

Supervisor: Michele Coscia. Recommended for CS students

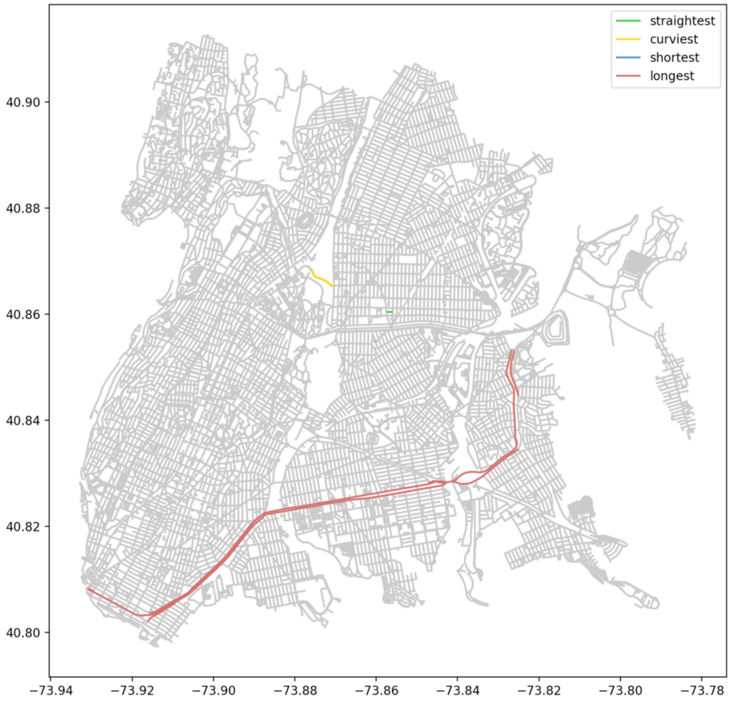


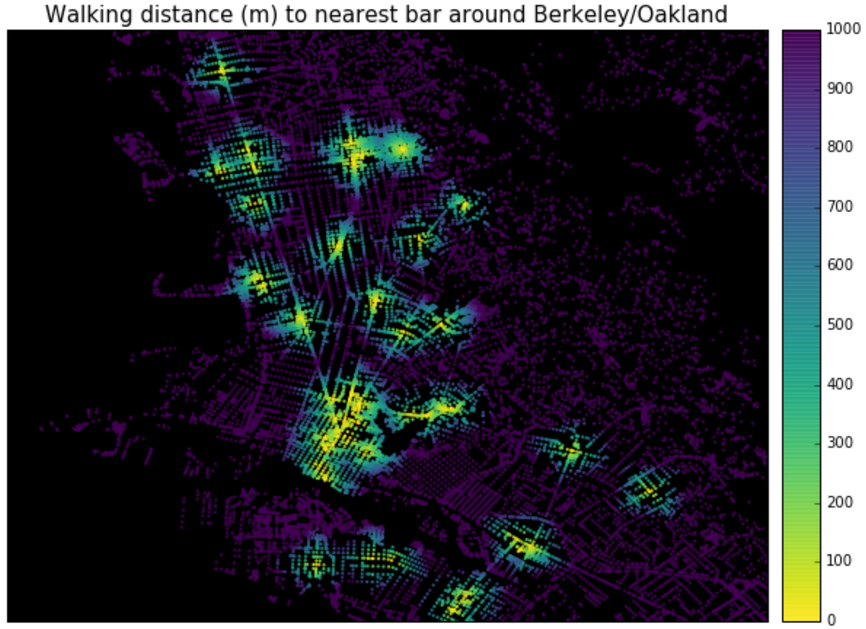

More project ideas:
http://www.michelecoscia.com/?page_id=1626 (4E04)

# (Project 3) Use OSMnx to explore urban infrastructure networks

## Supervisor: Michael Szell. Recommended for CS students

**Accessibility/walkability:** https://github.com/gboeing/urban-data-science/blob/master/20-Accessibility-Walkability/pandana-accessibility-demo-full.ipynb



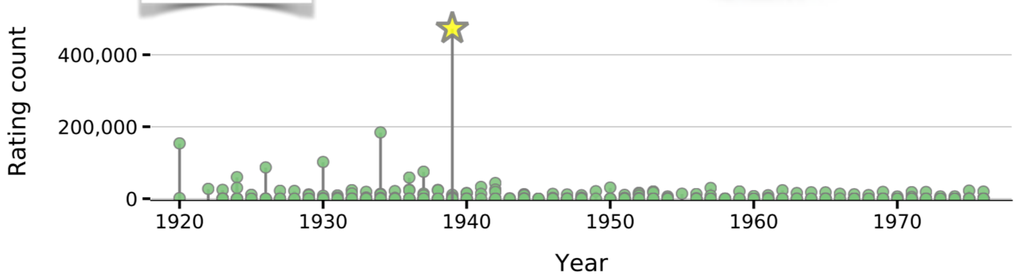

**Rad roads:** https://medium.com/a-r-g-o/rad-roads-using-osmnx-68fc8b15f046

michael.szell.net (4E04)

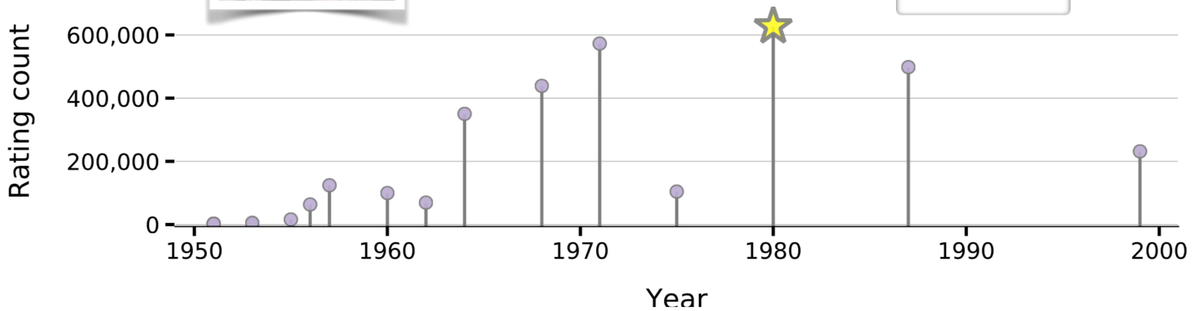
# (Project 4), Gender differences between movie director careers

## Supervisor: Roberta Sinatra. Recommended for SD and CS students

**George Lucas**



**Jane Campion**



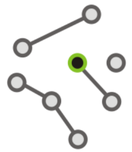
Work with IMDb data

Learn and use time series analysis tools

Learn and use network analysis tools

Perform data mining and prediction tasks

Make connections with Computational Social Science



www.robertasinatra.com (4E13)

All the proposed projects can have the format
Research project (7.5 ECTS) + Thesis (30 ECTS)

Drop us a line to meet and
discuss these projects in more details