Projects for the Research Project Market
ITU, Aug. 26th 2019
NEtwoRks, Data and Society (NERDS) research group

https://nerds.itu.dk/
NERWoRks, Data and Society (NERDS) research group

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Our expertise is network science
We research network and data science applications to social systems.
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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)
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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:  

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