

# Social Networks & Recommendation Systems

II. Historical overview of the complex network science.  
Examples of the real-life networks.

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MSc program in Data Science has been developed  
as a part of task 10 of the project  
„NERW PW. Science - Education - Development - Cooperation”  
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# Project

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## Suggested databases:

- (during this class) build-in Wolframa Data
- Andrew Beveridge Network of Thrones. A Song of Math and Westeros, <https://networkofthrones.wordpress.com/>
- <http://networkrepository.com/>
- <https://networkdata.ics.uci.edu>
- and many others...  
<https://kateto.net/2016/05/network-datasets/>

- P2.1 Using morphological function in Mathematica reproduce from the graphic file map, street grid or river network. [20%]
- P2.2 Import and draw in readable form networks from the external sources. [each two different examples  $\times$  20%]
- P2.3 Show the features of real networks on the examples from the previous tasks. [20%]

Thank you for your attention!



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