

# Social Networks & Recommendation Systems

## XI. Agent-based models.

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**European  
Funds**  
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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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- P11.1 Implement simulation of SIS model on ER graph. Compare results with our analytical findings. [2P]
- P11.2 Implement simulation of SIS model on BA networks. Compare results with our analytical findings. [2P]
- P11.3 Implement simulation of different than SIS agent-based model. Discuss obtained results. [2P]
- P11.4 Modify classical voter model that it takes into account additional effects (e.g. propaganda, agent ideology, etc.). [2P]

Thank you for your attention!



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