

Subject card

Subject name and code	Digital data as a source of knowledge in sociology, PG_00149079						
Field of study	Sociology						
Date of commencement of studies	October 2024		Academic year of realisation of subject		2025/2026		
Education level	Master's studies		Subject group		Obligatory subject group in the field of study Optional subject group Subject group related to scientific research in the field of study		
Mode of study	full-time studies		Mode of delivery		at the university		
Year of study	2		Language of instruction		Polish		
Semester of study	3		ECTS credits		2.0		
Learning profile	academic		Assessment form		credit		
Conducting unit	Institute of Sociology -> Faculty of Social Sciences -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr Jacek Mianowski				
	Teachers		dr Jacek Mianowski				
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	20.0	0.0	0.0	0.0	20
	E-learning hours included: 0.0						
Learning activity and number of study hours	Learning activity	Participation in didactic classes included in study plan		Participation in consultation hours		Self-study	SUM
	Number of study hours	20		2.0		28.0	50
Subject objectives	The aim of the course is to identify and characterize selected types of digital data and use them to analyze online activity according to the following key: (1) data acquisition (2) qualitative analysis (3) quantitative/network analysis (4) critical interpretation (5) ethics						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[SOCMU2_U01] The graduate is able to interpret social phenomena and relations between them using sociological concepts and sociological imagination	The person taking part in the classes is able to interpret social phenomena and the relationships between them and use sociological imagination	[SU2] presentation/project/paper/report
	[SOCMU2_U02] The graduate is able to use theoretical knowledge from different streams of sociology and acquire data to analyse concrete social phenomena and processes and formulate own opinions about their character and course	The person participating in the classes uses theoretical knowledge in the field of sociology and analyzes social phenomena and processes and formulates their own opinions on their nature and course.	[SU1] oral statement/conversation/discussion
	[SOCMU2_K05] The graduate is ready to participate in the preparation of social projects and is able to predict the intended and unintended social consequences of his/her actions	The person participating in the classes is able to prepare a social project and predict the intended and unintended social consequences of his or her activities.	[SK2] presentation/project/paper/report
	[SOCMU2_W06] The graduate has in-depth knowledge and understanding of quantitative and qualitative methods of sociological research, including observation, interview, document analysis and desk research, and how to develop and report research findings	The person taking part in the classes reflectively uses quantitative and qualitative sociological methods in the analysis of documents and existing sources, and develops and reports research results.	[SW2] presentation/project/paper/report
	[SOCMU2_K06] The graduate is ready to independently and critically complement and improve the acquired knowledge and skills using various disciplines in the field of social sciences	The person participating in the classes independently and critically supplements and improves knowledge and skills	[SK8] observation of student's independent or team work
Subject contents	1. What is digital data in social research? 2. Types and characteristic of digital data 3. A review and analysis of selected theories of datafication and algorithmization 4. Digital infrastructure as a research field for sociologists 5. Assumptions and methods of digital humanities 6. Social networks and the analysis of relationships in digital data 7. Using digital data as a tool for action 8. Ethics and critique of digital data		
Prerequisites and co-requisites	completed first year of supplementary studies, formal choice of subject		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Mastering the content of the material in the indicated literature	51.0%	50.0%
	Mastering the content of the material taught during the workshops and in the indicated literature	51.0%	50.0%
Recommended reading	Basic literature	Włoch R. (2025). Digital sociology: On the socialization of technology and the technologies of socialization. Wydawnictwo Naukowe Scholar Ślosarski B., Włoch R. (red.) (2025) Introduction to Digital Sociology. Studia Socjologiczne nr 3/2025 (258)	

	Supplementary literature	1. Airoidi M. (2022). Machine Habitus: Toward a Sociology of Algorithms. Cambridge: Polity Press 2. Baym N. (2010). Personal Connections in the Digital Age. Cambridge-Malden: Wiley 3. Bryda G. (ed.) (2024). Digital Humanities Methods in Qualitative Sociology. Przegląd Socjologii Jakościowej. Tom 20 Nr 4 4. Fielding N. G., Lee R. M., Blank G. (red.) (2017). The SAGE Handbook of Online Research Methods. Second Edition. Londyn-Thousand Oaks-New Delhi-Singapore 5. Kitchin R. (2014). The Data Revolution: Big Data, Open Data, Data Infrastructures & Their Consequences. Sage Publications. 6. Marres N. (2017). Digital Sociology: The Reinvention of Social Research, Malden: Polity 7. DataReportal, Digital (2021). Poland, https://datareportal.com/reports/digital-2021-poland
	eResources addresses	
Example issues/ example questions/ tasks being completed	When are digital data a good source of sociological knowledge, and when are they not? What do digital data not show?	
Work placement	Not applicable	

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