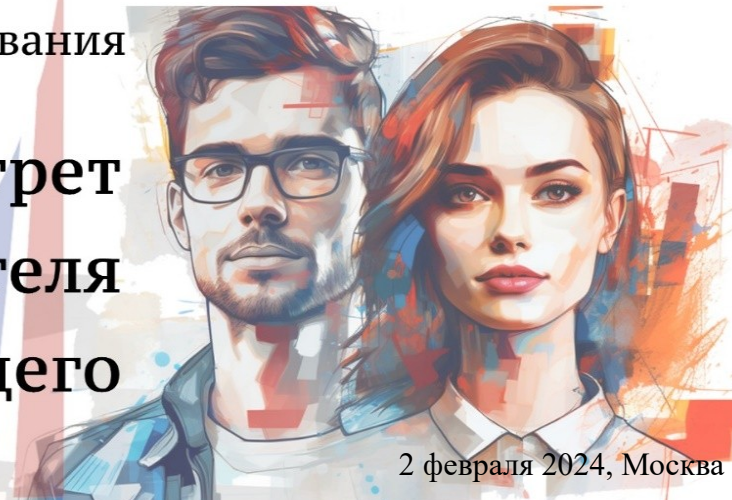


МЕЖДУНАРОДНАЯ  
НАУЧНО-МЕТОДИЧЕСКАЯ  
КОНФЕРЕНЦИЯ

Форсайт библиотек: искусство  
интеллекта против  
искусственного интеллекта

**Портрет  
преподавателя  
будущего**

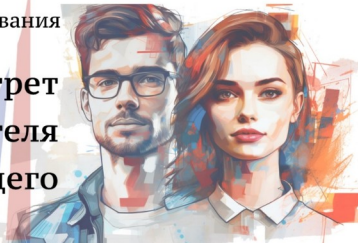


1919

2 февраля 2024, Москва

**Роль университетской библиотеки в  
развитии ИИ-грамотности и  
представлений об авторстве в научной  
деятельности**

Константин Кокарев,  
директор библиотеки  
Тюменский государственный университет



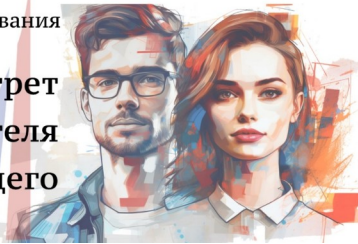
CrediT = Contributor Roles Taxonomy

14 ролей



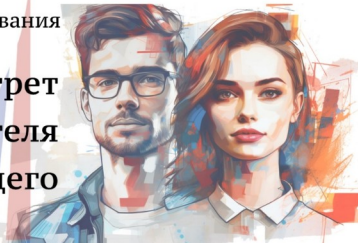
## Funding acquisition

Acquisition of the financial support for the project leading to this publication.



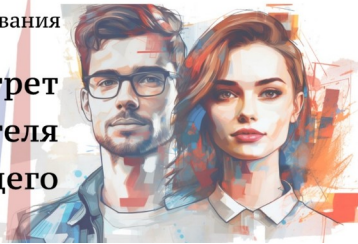
# Supervision

Oversight and leadership responsibility for the research activity planning and execution, including mentorship external to the core team.



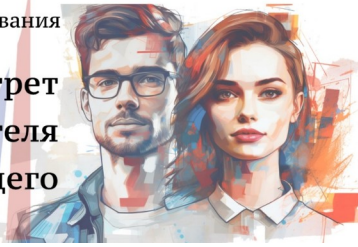
# Project administration

Management and coordination  
responsibility for the research  
activity planning and execution.



## Resources

Provision of study materials,  
reagents, materials, patients,  
laboratory samples, animals,  
instrumentation, computing resources,  
or other analysis tools.



# Conceptualization

Ideas; formulation or evolution of overarching research goals and aims.

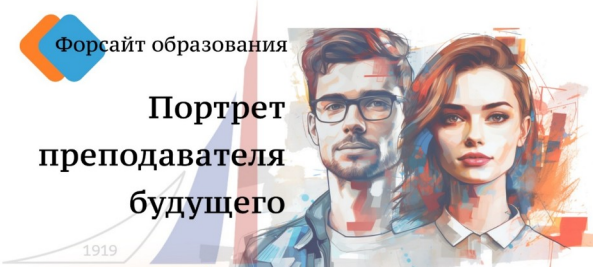


# Methodology

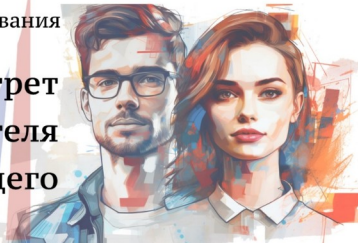
Development or design of methodology;  
creation of models.



# Software



Programming, software development;  
designing computer programs;  
implementation of the computer code  
and supporting algorithms; testing of  
existing code components.



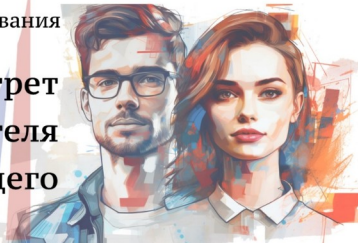
# Investigation

Conducting a research and investigation process, specifically performing the experiments, or data/evidence collection.

# Data curation



Management activities to annotate (produce metadata), scrub data and maintain research data (including software code, where it is necessary for interpreting the data itself) for initial use and later re-use.

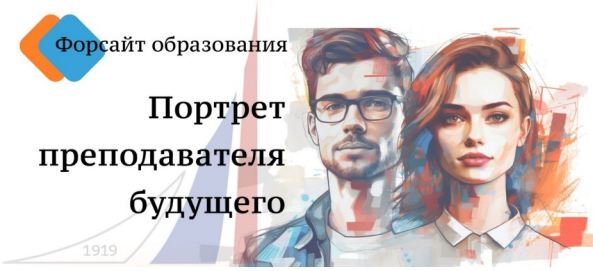


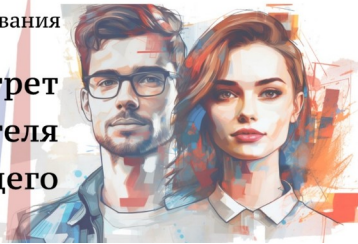
# Formal analysis

Application of statistical, mathematical, computational, or other formal techniques to analyse or synthesize study data.

# Validation

Verification, whether as a part of the activity or separate, of the overall replication/reproducibility of results/experiments and other research outputs.





# Visualization

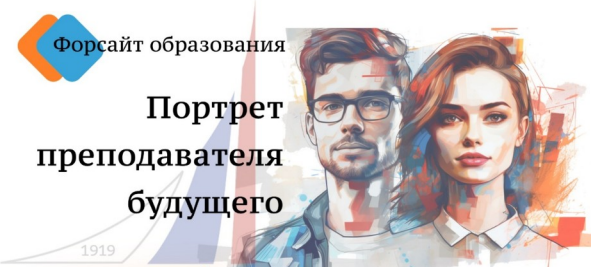
Preparation, creation and/or presentation of the published work, specifically visualization/data presentation.



## Writing - original draft

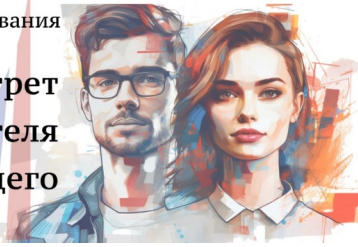
Preparation, creation and/or presentation of the published work, specifically writing the initial draft (including substantive translation).

# Writing - review & editing



Preparation, creation and/or presentation of the published work by those from the original research group, specifically critical review, commentary or revision - including pre- or post-publication stages.





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