



Open Research and Closed Data: Data Management in the Humanities and Social Sciences

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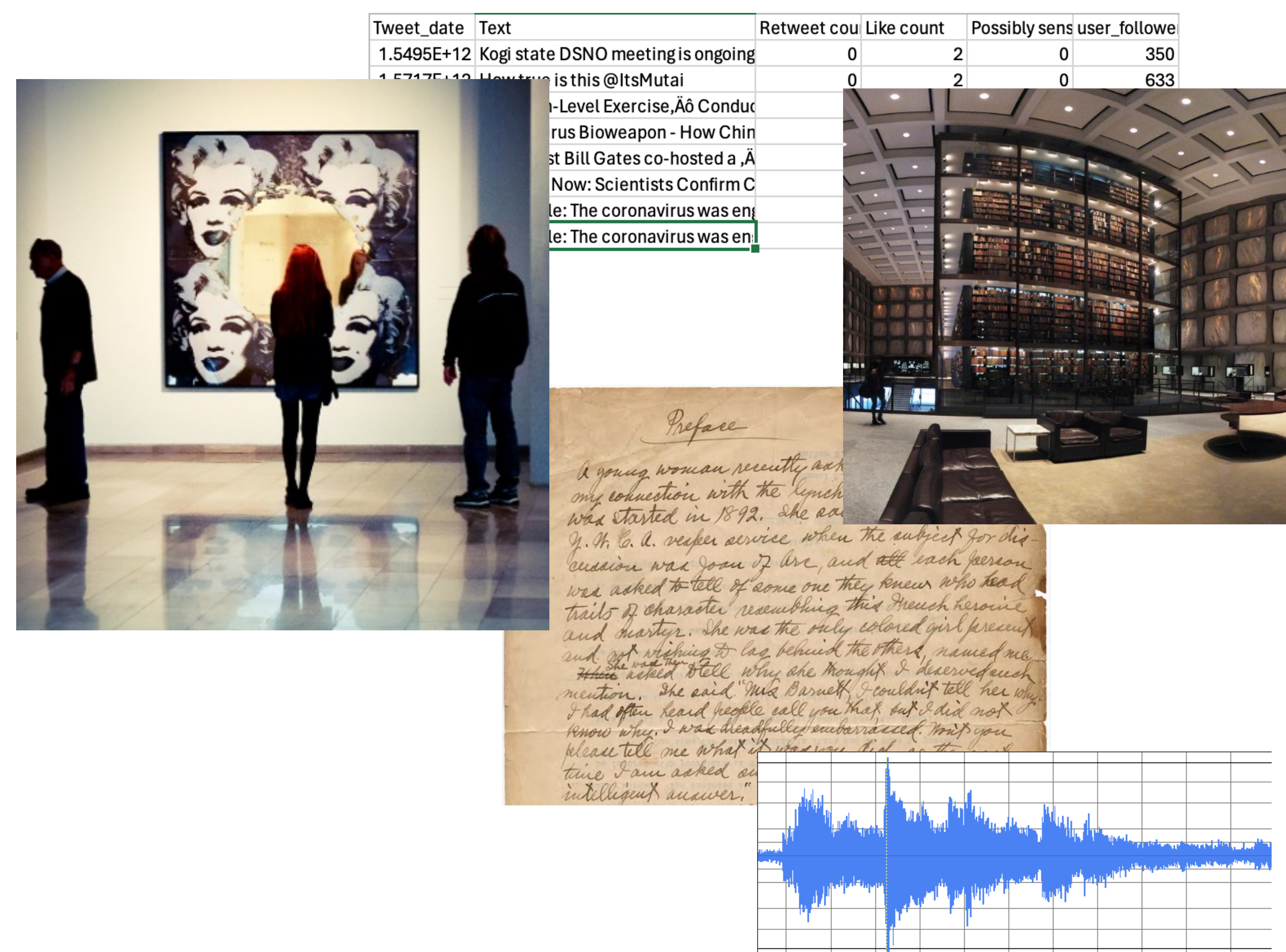
INTRODUCTION

- Research data management plans play an essential role in the life cycle of research in general and open research specifically (Moulaison-Sandy 2023)
- Research data management in STEM vs. Humanities and Social Sciences (HSS)
- Social media data
- Discuss the specificities of data management across fields
- Challenges and opportunities in the implementation of a DMP in HSS

TWITTER DATA: A CASE STUDY

- This case study features an open access research article on language variation and change, in which the authors analyze the history and use of certain words in Angolan Portuguese achieved through the examination of social media data ([Lívio and Howe 2024](#))
- Several studies support that Twitter data (now X) offers compelling linguistic representation (Huang et al. 2016, Grieve et al. 2018)
- Compilation of 10,000 geo-tagged tweets from Luanda, Angola
- Data gathering, wrangling and processing is performed using the scripting and software environment R (R Core Team 2023)

Research data management planning in the Humanities and Social Sciences is crucial for project preservation, meeting funding requirements, and enhancing the visibility and legitimacy of research outcomes.



For references:



OPEN RESEARCH AND CLOSED DATA

- Open Research and the new federal requirements for data management and publishing
- Current regulations in the Twitter Developer Agreement prohibit full content redistribution, thereby affecting the ability to make current Twitter/X's datasets entirely available
- Data Management Plan as a mitigator
- Details the the data collection, software packages, dates, data structure, file types, metadata, variables, and analysis

DATA MANAGEMENT: OPPORTUNITIES AND CHALLENGES

- “Recognition of the value of reproducibility, replication, and data reuse” (Mattern 2023: 61)
- Interdisciplinarity
- Refine data practices
- Data and copyright
- Data storage in the Humanities and Social Sciences (Grant 2023)
- Data curation in HSS does not necessarily have to mirror life sciences and STEM practices

THE LIBRARIAN'S CONTRIBUTION

- Develop outreach programming to foster research-librarian collaborations
- Assist with Data Management Plans
- Repository
- Open licenses
- Readme files and metadata
- Data cleaning and processing scripts
- Work collaboratively to create standards across disciplines