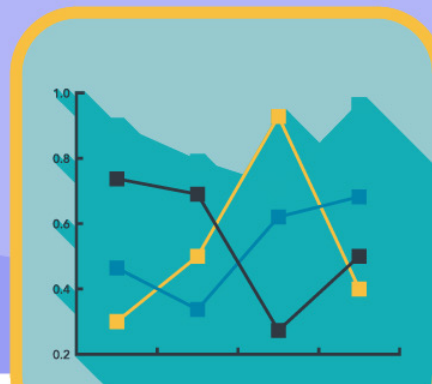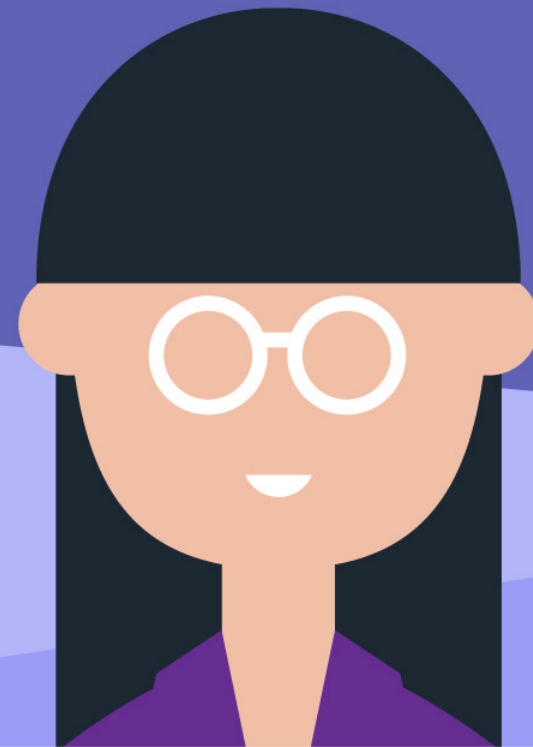ProQuest
TDM Studio

Interrogate Content. Interpret Insights. Unearth Truths.

John Dillon, Sr. Product Manager
Kristin Maloney, Customer Success Manager
Brandon Williams, Technical Consultant
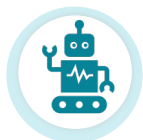
ProQuest®

Part of **Clarivate**

Why use data science?

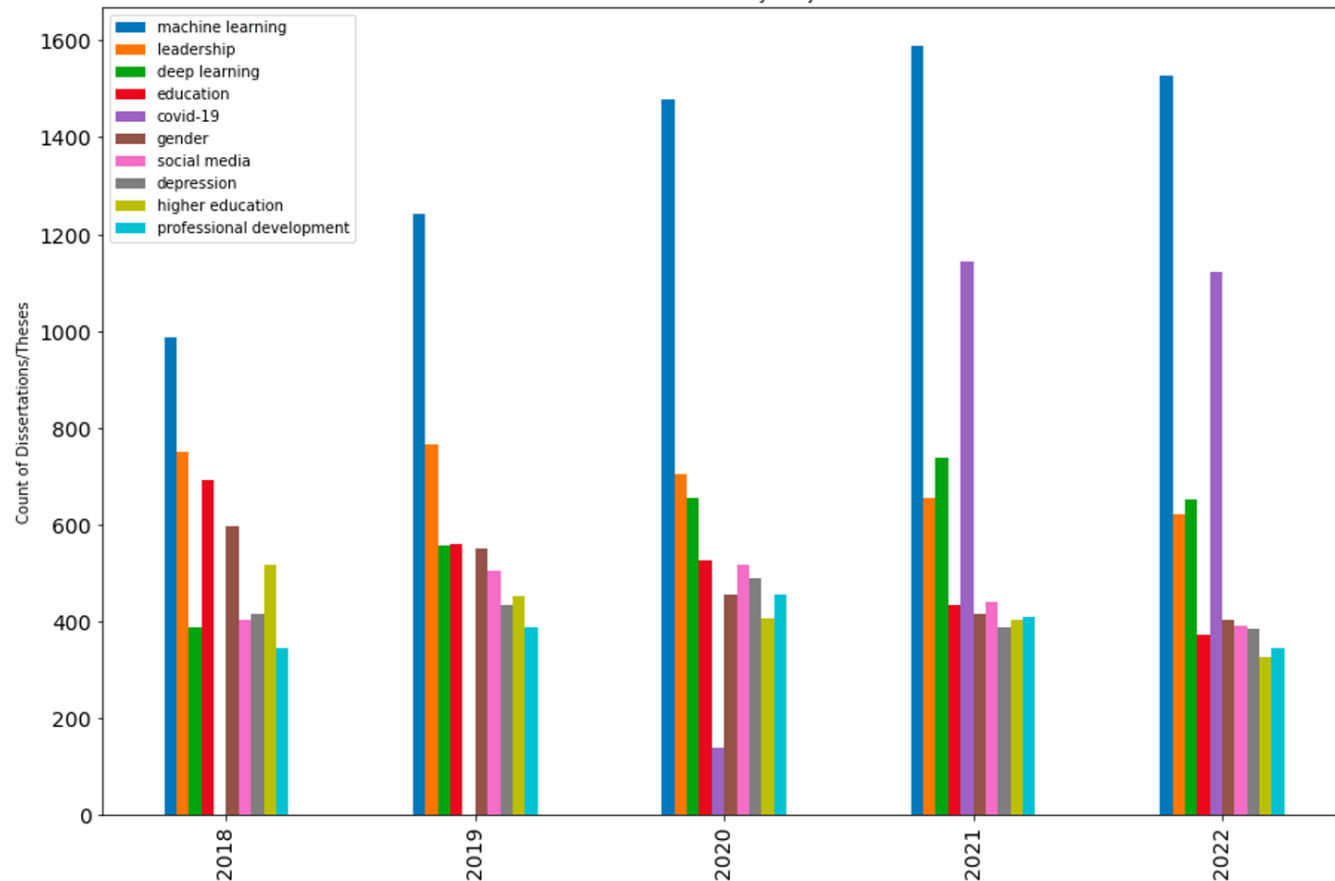Exponential growth in data is expected to reach 181 zettabytes by 2025

80-90% of all data is contained in unstructured information such as text and other media

Artificial Intelligence, machine learning, and neural network approaches require large data for training and analysis

Dissertations and Theses Count by Subject from 2018-2022

Legend:
- machine learning
- leadership
- deep learning
- education
- covid-19
- gender
- social media
- depression
- higher education
- professional development

Problems we are solving for Researchers

Ease of access to content and solutions that are timely, efficient, and offer flexibility to accommodate research

Gated Publications	**Uncertain Content Usage Rights**	**Long Delivery Times**	**Unstructured Data**

TDM STUDIO'S SOLUTIONS

Immediate access to your library's holdings

Rights-cleared content

Target selection across a breath of providers with quick access

Data presented in the consistent formats – XML or CSV

The Library and a Data Science Research Framework

The library is positioned to thrive and become a center of excellence in each of these areas

Access and Guidance

Assist with tools, direction, and collaborations on research across disciplines and among researchers at all levels.

Licensing Expertise

Provide legally compliant avenues for accessing licensed content for text and data mining purposes.

Primary Data Source

Serve as your University's primary source for solutions and support for various types of data research for students, faculty and staff.

Build Transferable Skills

Prepare students for new career opportunities and expose them to highly desired data science skills.

Data Science Growth

Help researchers meet technology needs in artificial intelligence, machine learning, natural language processing, and data analytics.

Supporting TDM Researchers of all Levels
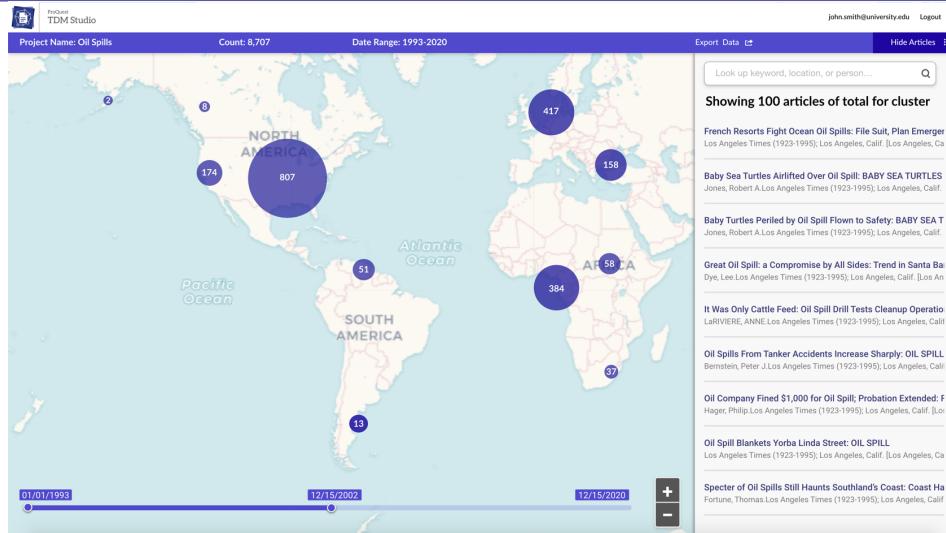

TDM BEGINNER

TDM LEARNER

TDM SCHOLAR

TDM EXPERT

TDM Studio Visualizations

TDM Studio Workbench Using R or Python

News

Access the most sought-after current and historic newspaper titles

- The New York Times
- The Washington Post
- Wall Street Journal
- The Guardian (UK)
- Sydney Morning Herald (Australia)
- The Times of India (India)

and much more…

Dissertations

Exclusive access to a global database of master's and doctoral works

- Over 5.5 Million records

- Over 3 Million full text documents

- From 4,100+ institutions

- Covering 60+ countries

- Metadata fields containing, Subject, Advisor, Institution, State/Country, and more...

English Titles and Abstracts are provided for Non-English content that can be leveraged for text and data mining, providing a global perspective of research.

Primary Sources

○ Access the library's Primary Sources and PAL content

○ Search primary historical sources

○ Such as…

- Early European Books

- Black Historical Newspapers

- Rolling Stone

- Women's Magazines: Vogue, Cosmopolitan, Good Housekeeping, Seventeen

- Far Eastern Economic Review

- LGBT Magazine Archive
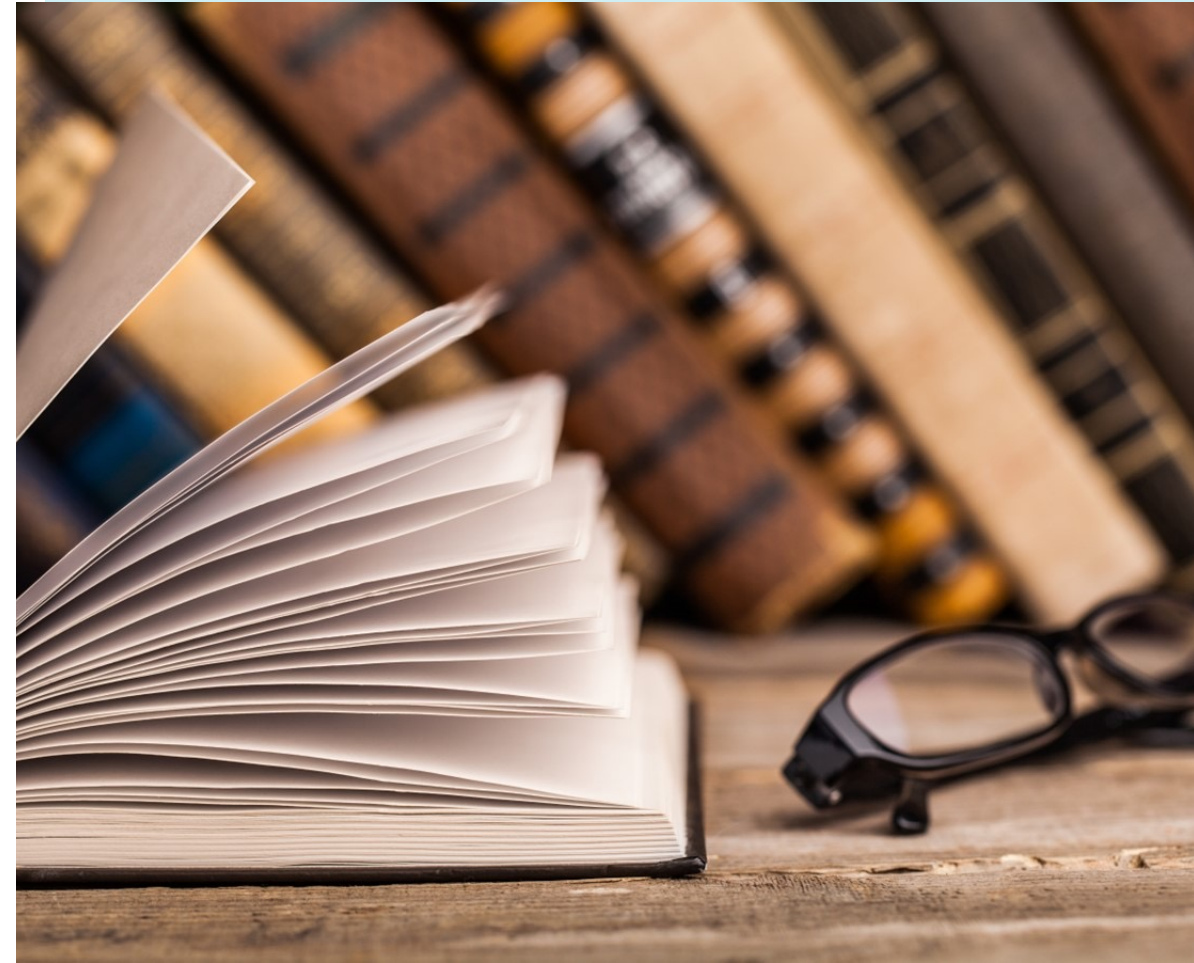
2023 Additional Content: Government Information

Access U.S. congressional hearings within the Workbench environment (currently in BETA)

Hearings Part A 1824-1979 Contains published hearings from 1824-1979, and unpublished hearings from the U.S. House (1832-1971) and U.S. Senate (1824-1979)

Hearings Part B 1980-2003 Contains published hearings from 1980-2003, and unpublished hearing from the U.S. senate from 1980-1984

Hearings Part C 2004-2010 Contains published hearing from 2004-2010

Hearings Part D 2011 Contains published hearings released by GPO and collected from ProQuest from 2011-2015.

Innovation and Impact using TDM Studio

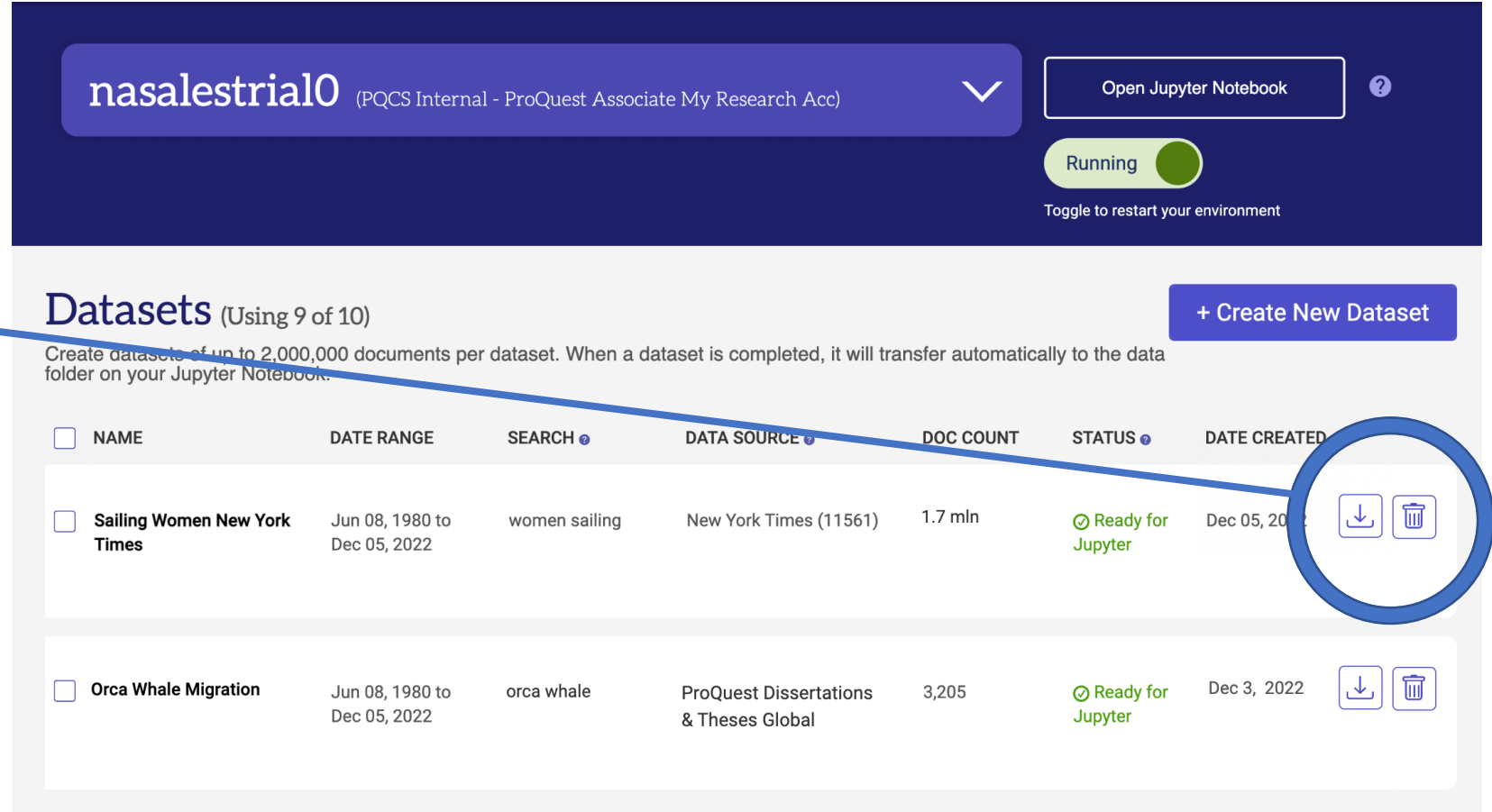|	
STANFORD UNIVERSITY	Daniel McFarland. **The Diversity-Innovation Paradox in Science** Stanford University
GEORGE WASHINGTON UNIVERSITY	Zhoudan Xie. **What are People Saying About Covid-19 Related Regulations** George Washington University
PRINCETON UNIVERSITY	Gavin Cook. **Trends in Covid-19 News Coverage** Princeton University
UC BERKELEY	Yuyang Zhong. **Misreported Research in Psychology** University of California, Berkeley
VA TECH	William Ingram. **Trends in Graduate Research** Virginia Polytechnic Institute and State University
UNIVERSITY OF MISSOURI	Denise Adkins, et al. **What is Genre? How do we Talk about Fiction?: Assessing Complementary Schemas and Approaches** University of Missouri
University of Sydney	Marco Duranti et al. **TDM for Teaching and Learning** University of Sydney
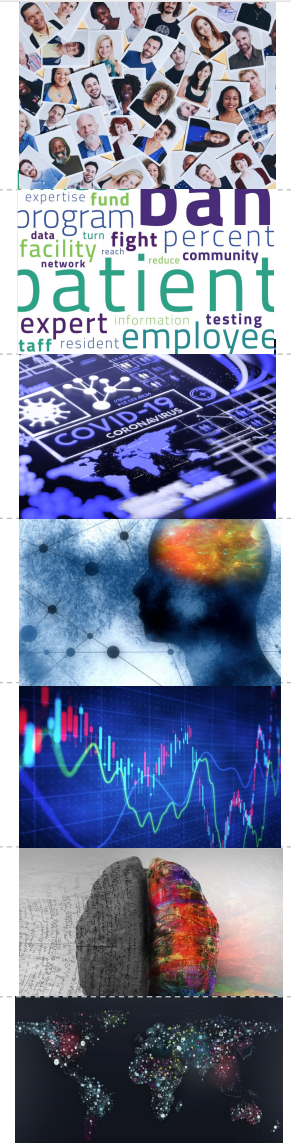
2023 Sneak Peek: Export Metadata

Export Metadata

- New TDM Studio feature will facilitate export of Dataset Metadata in csv

- Will help to support analysis with common software like Tableau or Excel

- Also valuable for dataset documentation and reproducibility

nasalestrial0 (PQCS Internal - ProQuest Associate My Research Acc)

Open Jupyter Notebook

Running

Toggle to restart your environment

Datasets (Using 9 of 10)

+ Create New Dataset

Create datasets of up to 2,000,000 documents per dataset. When a dataset is completed, it will transfer automatically to the data folder on your Jupyter Notebook.

NAME	DATE RANGE	SEARCH	DATA SOURCE	DOC COUNT	STATUS	DATE CREATED	
Sailing Women New York Times	Jun 08, 1980 to Dec 05, 2022	women sailing	New York Times (11561)	1.7 mln	⊘ Ready for Jupyter	Dec 05, 20	
Orca Whale Migration	Jun 08, 1980 to Dec 05, 2022	orca whale	ProQuest Dissertations & Theses Global	3,205	⊘ Ready for Jupyter	Dec 3, 2022	
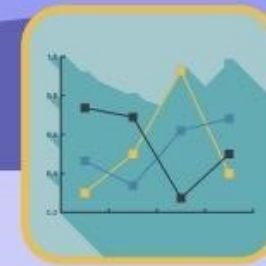
ProQuest
TDM Studio *allows you to…*

ACCESS

Extract new value from the library's ProQuest collections by accessing exclusive content like dissertations and news, with rights already cleared.

TARGET

Curate from millions of records and target to your research interest, eliminating the need to process unrelated documents.

INTERROGATE

Easily interrogate multiple content sources with a consistent XML structure.

ProQuest
Part of **Clarivate**

12

SIGN UP FOR A FREE 30-Day TRIAL

https://about.proquest.com/en/products-services/TDM-Studio/