



# Analyze. Visualize. Connect. Discover.

Take a look inside TDM Studio, the powerful and versatile text and data mining (TDM) solution from ProQuest.

## Insights for Everyone, Regardless of Experience

Innovation often requires the analysis of thousands – even millions – of documents. That’s an impossible task for any human, and it’s exactly where text and data mining comes in. With **TDM Studio**, the end-to-end TDM solution from ProQuest, researchers have a new path to innovation. From an initial idea to the final output, TDM Studio leverages the power of a library’s content to help researchers at all levels make new connections and uncover career-defining outcomes.

TDM Studio offers researchers two pathways to perform text and data mining:



Accustomed to using coding for text analysis?

**The Workbench** provides programmatic access to ProQuest content.



Want to visualize your data quickly without coding?

**Visualizations** will provide a new option to interrogate ProQuest content using data visualizations.

*“We’ve been searching for an accessible path to current and historical content for our faculty and students to text and data mine. We expect this offering will foster community engagement with library collections and give users the means for collaborative research discoveries that are in line with Dartmouth’s mission.”*

- **Kenneth Peterson**, Associate Librarian  
for Access & Collection Strategies,  
Dartmouth College

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**ProQuest**

# TDM Studio supports two paths to new discoveries:



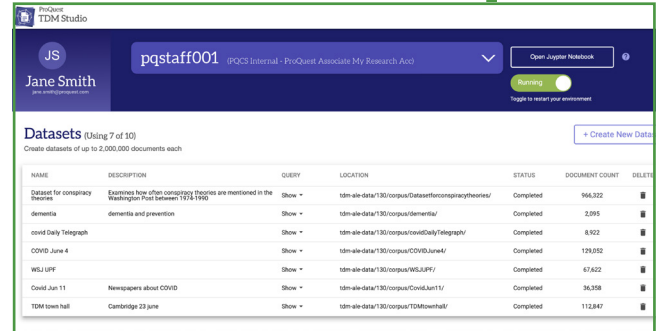
## TDM Studio Workbench: For Researchers with Coding Experience

Designed for experienced researchers who use their own coding methodologies.

### TDM Studio Dashboard

Provides the ability to manage datasets and access the development environment.

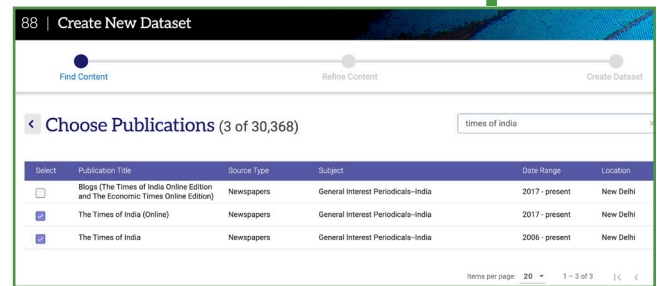
- Create datasets of up to 2 million documents each by searching publication titles or ProQuest database names
- Manage up to 10 datasets simultaneously for a total of 20 million documents
- Access the development environment, a Jupyter Notebook, and restart your environment if necessary



### Creating a New Dataset: Finding Content

Select from your ProQuest subscriptions - all rights-cleared for TDM.

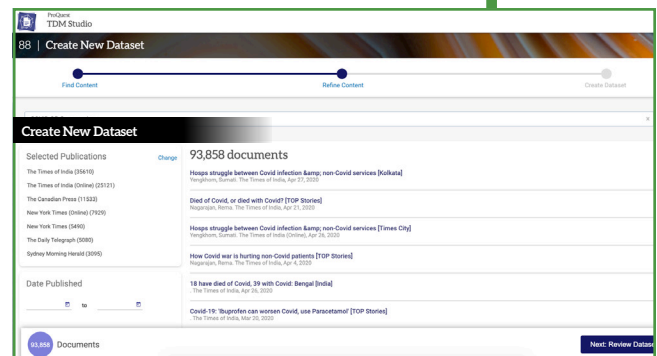
- Access a wealth of content across disciplines, from technology to literature, all available with a few clicks
- Benefit from the consistent data structure provided across content types, including current and historical newspapers, dissertations, scholarly journals and primary sources



### Creating a New Dataset: Refining Content

Filter and refine your dataset based on your specific research targets and keywords.

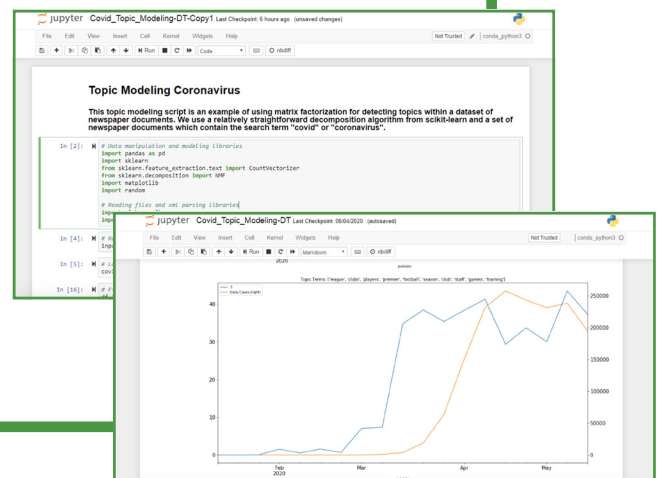
- Ability to narrow content and target the dataset specifically for your research topic saves valuable research time by eliminating the need to process unrelated documents
- Provides ability to specify topics by entering keywords and supports full Boolean search syntax
- Enables you to target specific date ranges, source types, and document types



### Jupyter Notebook

A familiar integrated development environment.

- Cloud-based development environment that can be accessed from anywhere - on or off campus
- Preconfigured with standard data science libraries in R and Python
- Organize and access datasets, as well as manage running jobs
- Upload your content and easily incorporate datasets for which you have obtained the rights to text and data mine including open-access content and social media content





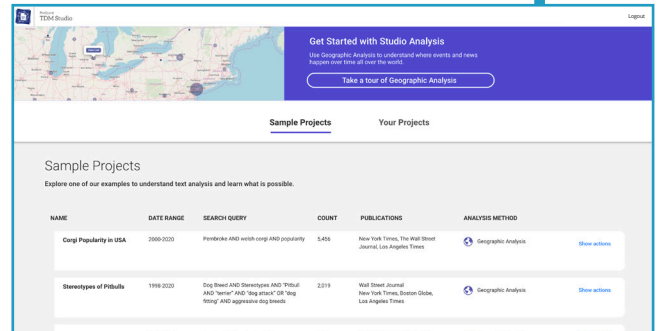
# TDM Studio Visualizations: For Discoveries Without Coding

Designed for users of all levels to quickly spot trends and generate insights.

## Visualizations Dashboard

Provides the capability to view sample projects and manage your own projects.

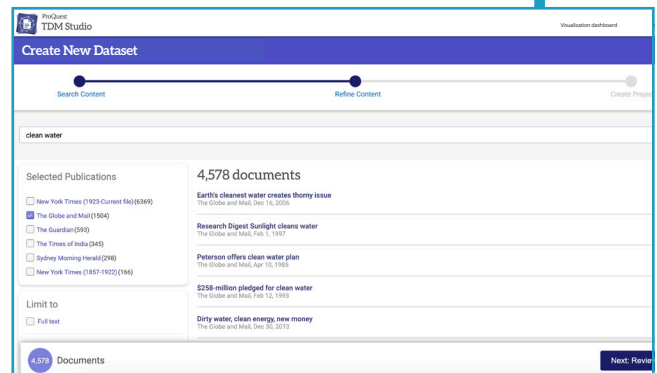
- Launch pre-built visualizations to explore supported analysis methodologies
- Create new projects to answer research questions
- Manage and access up to five projects of 10,000 documents each



## Tested in Classrooms Across Disciplines

Simple-yet-powerful search syntax can quickly be refined to reflect your area of interest.

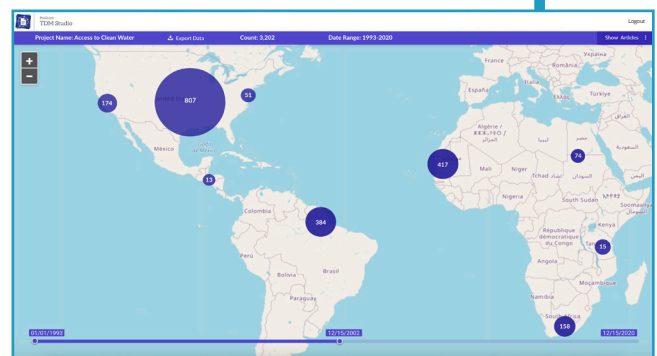
- Analyze up to 10 sought-after newspaper titles based on a library's subscriptions
- Quickly narrow content by publication title, date range, or document type



## Powerful Visualizations in Minutes

Supports users of all experience levels with out-of-the-box data analysis methodologies starting with geographic analysis.

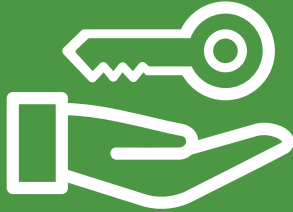
- Interactive display shows changes over time – or click on a document cluster to explore a specific locale
- Link to full text of articles to verify results



*“ProQuest TDM Studio is an exciting and accessible platform for introducing students to the possibilities of text mining. The tool transformed how my students and I approached our exploration of human rights controversies from a historical perspective.”*

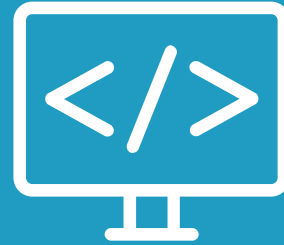
- **Marco Duranti**, Senior History Lecturer, University of Sydney

# A text and data mining solution for research at all levels and across disciplines



## Sought-After Content

TDM Studio offers access to rights-cleared content from ProQuest subscriptions and purchases. This content is applicable across disciplines and can be applied to many different research questions.



## Flexibility

By combining an intuitive dataset creation capability, Jupyter Notebook access, and data visualizations, TDM Studio is able to support data literacy as well as research across disciplines and experience levels.



## Efficiency

Significantly decrease the time to analysis, quickly create datasets, and either visualize the content relationships or access content in a consistent data schema across ProQuest sources.



## Research, Teaching & Learning

Enhance research, teaching and learning outcomes across campus with a solution designed for varied skill levels in research methodologies and approaches.

**Explore TDM Studio today.**  
Visit [www.proquest.com/go/tdm-studio](http://www.proquest.com/go/tdm-studio)



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