

TDM Studio

Workbench Quick Start Guide

TDM Studio places the power of text and data mining directly in the hands of researchers. This solution from ProQuest gives students, faculty and researchers access to rights-cleared content and text and data mining tools to help make new connections and uncover career-defining research outcomes.

This guide provides an overview of the steps needed to get started with Workbenches and where to find more information.

Step	Instructions	Where to find more information
Create account / Log in	<ol style="list-style-type: none"> 1. Go to https://tdmstudio.proquest.com 2. Click "Create Account" button 3. Use your institution/university email address to create your account 	Welcome email or the TDM Studio LibGuide
Select content	<ol style="list-style-type: none"> 1. Select "Create New Dataset" on the dashboard 2. Select specific publication titles or all titles in a database 3. Refine content by keyword, date, source type or document type 4. Create dataset 	See Creating Your Dataset section of the TDM Studio LibGuide
Explore your dataset using Jupyter Notebook	<ol style="list-style-type: none"> 1. Use "Open Jupyter Notebook" button to access coding environment 2. Datasets are automatically transferred to the data folder in your Jupyter Notebook 3. Use the provided sample scripts to explore the dataset 	Within the ProQuest TDM Studio Samples folder, use sample notebooks by adjusting the dataset name and running the notebooks
Customize scripts in Jupyter Notebook	Use the readily available sample environments <u>or</u> Setup Conda R or Python environment to create your own scripts	Within the ProQuest TDM Studio Manual folder, select TDM Studio Manual.ipynb for further documentation
Export derived results from TDM Studio	Within your Jupyter Notebook, move files to specified export folder to have them emailed to your team	ProQuest TDM Studio Manual folder, select Export Instructions.ipynb to understand how to export results from TDM Studio
Need help or have questions?	Email TDMStudio@clarivate.com	



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FAQs for Getting Started

QUESTIONS

Can I run analyses on large datasets?

How many datasets can I create?

Can I use my own scripts in TDM Studio?

What are the specifications of the virtual machine?

What if the virtual machine isn't powerful enough to run my analysis?

How do I install new packages to the kernels in TDM Studio?

Can I use language models/API tools in TDM Studio?

What am I allowed to export from TDM Studio?

ANSWERS

- Yes. The time it takes to complete the task will often vary depending on the size of the dataset and the script / analysis. We have included a rough time estimate for each of the sample scripts. For very large datasets, we recommend: 1) Running the datasets in smaller batches and 2) Saving batch results to file as the script runs. The TDM Studio virtual computer will continue processing as long as you log into Jupyter Notebook every 48 hours. For more information, please see the Recommended Workflows section of the *TDM Studio Manual.ipynb* file in your Jupyter notebook.

- You can create as many datasets as you'll need, but there are a few restrictions on the Workbench Dashboard. You can have up to 10 datasets on your Workbench Dashboard at a given time, with each being up to 2 million documents in size. If you need more space for datasets, you can delete any datasets off of the Workbench Dashboard after they've been automatically transferred to the Jupyter environment – this won't remove them from the Jupyter notebook.

- Yes. You can upload scripts or any type of file, to the Jupyter environment by following the steps *Upload instructions.ipynb* file in the Jupyter notebook.

- The virtual machine has 4 vCPU cores with 16GB RAM and 100GB storage.

- TDM Studio subscribers can request temporary machine upgrades by sending an email to TDMStudio@clarivate.com

- You can install packages to an existing kernel using the command found on the package's corresponding Anaconda repository page. For more in-depth instruction or details on installing packages not found on Anaconda repositories, please see the Installing Third Party Packages section of the *TDM Studio Manual.ipynb* file in your studio.

- Yes, although you'll need to upload all necessary resources to the Jupyter environment and use them locally.

- You can export any files from TDM Studio as long as you follow [TDM Studio's Supplemental Terms of Use](#)



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