



## ProQuest Workshops

As a TDM Studio customer you are encouraged to schedule ProQuest provided workshops for your patrons and researchers. ProQuest provides these complimentary training opportunities as part of your subscription package. Workshop options are listed below:

### TERM FREQUENCIES – INTRO TO TDM STUDIO WORKBENCH

In this 1-hour workshop, we will provide an overview of what TDM Studio is and how to get started with TDM Studio Workbench for your research project. You will have the opportunity to create a dataset related to your research topic and to begin analyzing that dataset within TDM Studio. We will use and run sample Jupyter Notebooks, written in Python, to look at word counts and word co-occurrences in your project dataset. No coding experience is needed for the workshop, and by the end of the workshop you will have: 1) Familiarity with using TDM Studio as well as 2) Starting, baseline results for a text analysis project. Which politicians have the most newspaper presence? Does this vary by specific newspaper titles? Which politicians co-occur together most frequently?

LENGTH OF TIME: 1 HR.

#### Workshop Agenda:

- 1) Login to TDM Studio
- 2) Create Dataset related to your project
- 3) Run Document-Term Matrix Sample Script
- 4) Wrap up and Wind Down



To talk to the sales department, contact us at  
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## TEACHING AND LEARNING TEXT MINING WITH GEOGRAPHIC ANALYSIS

Many places have the same name as other places—We can think, for example, of placenames like *Springfield* or *London* or *Main Street* which cover dozens (or hundreds?) or different locations. In this 1-hour workshop, we will use TDM Studio to explore the geographic distribution of placenames in different datasets. You will have the opportunity to create a dataset related to your research project. We will then plot the geocoded locations in the dataset on a map and discuss—*Which ones does the geocoding algorithm get right? What are the mistakes and what can we learn from these mistakes?* No previous text mining or coding experience is needed for this workshop. We will also look briefly at a Python implementation of the geocoding algorithm—This will let us discuss other options and the pros and cons of different approaches to the task.

LENGTH OF TIME: 1 HR.

### Workshop Agenda:

- 1) Login to TDM Studio
- 2) Create a dataset related to your project

## SENTIMENT ANALYSIS OVERVIEW AND STATE OF THE ART

Sentiment Analysis or Sentiment Classification is valuable for answering lots of different research questions: *How does public sentiment react to different tragic events? Do tragic events always elicit the same negative emotional states? What publicly expressed emotions help politicians get elected? Have the most common emotions changed over the last 150 years?* In this 1-hour workshop, we will use TDM Studio to learn about Sentiment Classification and also run two approaches to the task—One will be a baseline dictionary-based approach and the other a more recent SBERT-based model that performs at the state of the art for newspaper sentiment classification.

LENGTH OF TIME: 1 HR.

### Workshop Agenda:

- 1) Login to TDM Studio
- 2) Create a dataset related to your project
- 3) Run Dictionary-Based Sentiment Analysis
- 4) Run and compare with SBERT-based model

CONTACT [TDMSTUDIO@CLARIVATE.COM](mailto:TDMSTUDIO@CLARIVATE.COM) TO SCHEDULE A  
COMPLIMENTARY WORKSHOP



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