



Roundtable Discussions descriptions and selection guide

The Text Mining Summit 2015 Roundtable Discussions will take place on Tuesday, October 13. Registered attendees may select one roundtable discussion to participate in. Below are the 6 different choices of roundtables and a brief description of the discussion topic.

Registered attendees will be sent an invitation to an Eventbrite page where they can choose what roundtables and workshops they would like to attend. This information will shape your personalized schedule at the conference.

Roundtable 1: Data visualization - dashboards for text analytics

The results of text mining can yield precise answers using sophisticated techniques. The results can be viewed in tables but often users need to look at the whole set of results to analyze distribution, identify trends or spot anomalies. What are existing data visualization use cases? What kind of visualizations are important? What kind of reporting dashboards are needed to facilitate these visualizations?

Roundtable 2: Maximizing the value of patent information

Patent literature provides the first mention of much critical data for novel drug targets, chemistry, disease areas and more. Access to these valuable data can provide a competitive edge for pharmaceutical researchers. However, patent literature is notoriously hard to search – patents can be hundreds of pages long and contain complex information often written with obfuscation rather than communication in mind. This roundtable will focus on the challenges that patent search presents, different use cases for text analytics over patents, and how R&D organizations are tackling the issues.

Roundtable 3: Federated text mining and big data text analytics

In most large organizations, data are spread across multiple locations and are constantly growing. This roundtable will focus on the challenges these “big data” present and how organizations are tackling the issue. It will include the different approaches taken ranging from data warehousing to federated search. The roundtable group will look at ways to connect the data silos present in the enterprise.

Roundtable 4: Text mining in enterprise workflows - opportunities for integrating and embedding

The I2E Web Service API (WSAPI) makes it much easier to create your own text analytics applications with features like custom interfaces, visualization of results and ad hoc indexing. Our customers have used the WSAPI within workflows for applications ranging from patent landscaping to building smart query interfaces. This roundtable will discuss the opportunities & challenges for I2E integration, different tools for workflow (e.g. KNIME, Pipeline Pilot), and how R&D organizations are using such workflows to embed text analytics and gain value across different use cases.

Roundtable 5: The potential of text analytics for real world data

In life sciences and healthcare, it is critical to use real world data (RWD) to understand the real world impact of therapies on patients. RWD can also be used for product reputation management, for key or digital opinion leader engagement, and more. Many RWD sources contain unstructured text, which prevents easy analysis. In this roundtable, we'll look at potential sources of RWD, such as adverse event reports, electronic health records, voice of the customer (VoC) feeds, social media data, claims data, patient group blogs; and discuss the opportunities and challenges for various application areas (e.g. HEOR, CER).

Roundtable 6: Mining patient data - challenges and opportunities

Interest in mining unstructured patient data has grown rapidly in recent years to support improved analytics, disease understanding and patient care. This roundtable will discuss the challenges faced by healthcare organizations wanting to mine pathology data, socio economic factors and disease insights, for example. The roundtable will look at data input from EHRs, dealing with format variation and using I2E to explore data sets.