

METHODS, TOOLS, & TECHNIQUES FOR TEXT MINING

Aaron Beveridge, Department of English
Jo Klein, University Libraries

April 8, 2019

A workshop from the University Libraries' **Scholarship, Technology,
and Research Services (STARS)** Task Force



**UNC
GREENSBORO**
University Libraries

What is text mining?

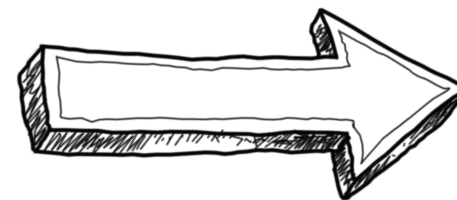
Text mining

From Wikipedia, the free encyclopedia

Text mining, also referred to as **text data mining**, roughly equivalent to **pattern learning**. Text mining usually involves the process of structuring **data**, and finally evaluation and interpretation of the output. 'High quality granular taxonomies, **sentiment analysis**, **document summarization**, and

Text analysis involves **information retrieval**, **lexical analysis** to study words, and **sentiment analysis** to study emotions. The overarching goal is, essentially, to turn text into data for analysis, via applications of machine learning.

A typical application is to scan a set of documents written in a natural language.



What text mining tools are available?



Natural
Language
ToolKit




VOYANT


see through your text

Add Texts

Type in one or more URLs on separate lines or paste in a full text.

 Open

Upload

 Reveal

Voyant Tools is a web-based reading and analysis environment for digital texts.