

User Support Document

Step 1. Login to Coursera Webpage

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Step 2 . Pick the Lecture you want to study & understand

The screenshot shows the Coursera Sidekick interface for the course CS 410: Text Information Systems. At the top, there's a search bar and a sidebar with the Illinois logo and course information. The main area displays a tree view of course material, with Week 7 expanded. Under Week 7, there are three lessons: 7.1 Overview Text Mining and Analytics: Part 1, 7.2 Overview Text Mining and Analytics: Part 2, and 7.3 Natural Language Content Analysis: Part 1. A green 'Submit' button is visible at the bottom right.

Step 3. Enter your question in Coursera Sidekick chatbot

The screenshot shows the Coursera Sidekick interface displaying a video player for the lecture "7.1 Overview Text Mining and Analytics: Part 1". The video title is "Text Mining and Analytics". The video content lists several bullet points about text mining, such as "Text mining ≈ Text analytics", "Turn text data into high-quality information or actionable knowledge", and "Related to text retrieval". A green 'Submit' button is visible at the bottom right.

Step 4. Give few seconds to comprehend the query and provide response

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Menu > Week 7 > 7.1 Overview Text Mining and Analytics: Part 1

Text Mining and Analytics

- Text mining ≈ Text analytics
- Turn text data into **high-quality information or actionable knowledge**
 - Minimizes **human effort** (by consuming text data)
 - Supplies knowledge for **optimal decision making**
- Related to **text retrieval**, which is an essential component in any text mining system
 - Text retrieval can be a preprocessor for text mining
 - Text retrieval is needed for **knowledge provenance**

0:00 / 11:43

7.1 Overview Text Mining and Analytics: Part 1

Coursera Sidekick

Provide summary for this lecture

Lecture Summary: Text Mining and Analytics

In this lecture, we give an overview of Text Mining and Analytics. The terms text mining and text analytics are used interchangeably in the course, although they have slightly different connotations. Text mining emphasizes the process of turning text data into high quality information, while text analytics emphasizes the result or having a problem in mind that we want to solve using text data. Both terms refer to the same goal: turning text data into high quality information or actionable knowledge.

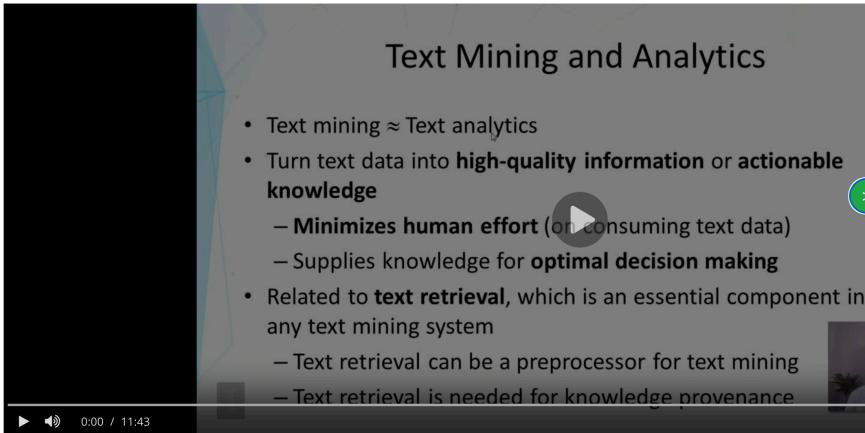
Text mining is related to text retrieval, which is an essential component in many text mining systems. Text retrieval refers to finding relevant information from a large amount of text data. Text retrieval is useful for text mining in two ways: as a preprocessor to turn big text data into a relatively small amount of most relevant text data, and as a means to verify knowledge by allowing users to go back to the original text data to interpret patterns or verify their reliability.

Submit ?

Step 5. You can collapse the Coursera Sidekick when you are finished studying

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☰ Menu [Home](#) > Week 7 > 7.1 Overview Text Mining and Analytics: Part 1



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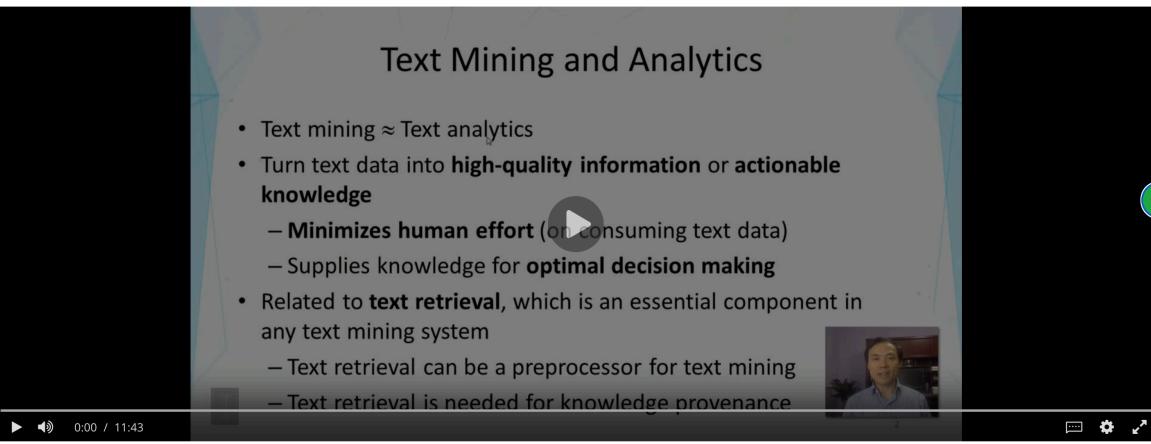
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Submit 

☰ Menu [Home](#) > Week 7 > 7.1 Overview Text Mining and Analytics: Part 1



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Previous Next 

 Save note 