Text mining: Key concepts and applications

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- Literature
- Beginner
- 1 hour

Jee-Hyub Kim and Senay Kafkas from the Literature Services team at EMBL-EBI present this talk on an introduction to text mining and its applications in service provision.

The 1st part of this talk focuses on what text mining is and some of the methods and available tools.

The 2nd part looks at how to find articles on Europe PMC - a free literature resource for biomedical and health researchers - and how to build your own text mining pipeline.

The final part gives a nice case study showing how Europe PMC’s pipeline was integrated into a new drug target validation platform called Open Targets (previously CTTV).

This video is best viewed in full screen mode using Google Chrome.

Learning objectives:

- Evaluate what text mining is and why it is important
- Review some of the most commonly-used text mining tools

Your feedback

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Contributors

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Jee-Hyub Kim is responsible for the text-mining pipelines within Europe PubMed Central. Prior to joining EMBL-EBI, he was a member of Artificial Intelligence group, University of Geneva, and participated in several EU- and Swiss-funded text-mining projects.

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Links
[1] http://www.ebi.ac.uk/training/online/trainers/jhkim