

# Jupyter Notebooks for Discourse Analysis

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## Abstract

This seminar will introduce selected Jupyter notebooks for Discourse Analysis, focussing on analysis of quotation and analysis of semantic fields. After a brief general introduction to Jupyter notebooks, the talk will showcase two new tools recently developed by the Australian Text Analytics Platform project. The Quotation Tool finds and extracts speakers and their quotes (direct and indirect speech/thought) from news articles, while the Semantic Tagger annotates all tokens (words) in a corpus with semantic tags (denoting the correspondence of a token/word to discourse fields, e.g. 'Emotional Actions, States & Processes' or 'Time'). Both tools are freely-available via a clean user-interface with no/minimal coding required from users and offer interactive means to display and analyse text collections/corpora. Results can be saved and downloaded for additional qualitative analysis. The tools were developed in collaboration between the Sydney Corpus Lab and the Sydney Informatics Hub as part of our involvement in two ARDC-funded research projects – the Language Data Commons of Australia HASS RDC and the Australian Text Analytics Platform.

### When

Friday, 3 March  
4:00-5:30 pm AEDT

### Where

Quad Seminar Rm S204  
(Oriental Room),  
The University of Sydney  
Zoom ([link](#))

### More information

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This event in the Sydney SFL research seminar series is presented by the Sydney Corpus Lab.

To find out more, visit

<https://sydneycorpuslab.com>

### Acknowledgments

The Language Data Commons of Australia HASS RDC and the Australian Text Analytics Platform (ATAP) projects received investment (<https://doi.org/10.47486/PL074>; <https://doi.org/10.47486/HIR001>) from the Australian Research Data Commons (ARDC). The ARDC is funded by the National Collaborative Research Infrastructure Strategy (NCRIS). The Quotation Tool notebook has been adapted (with permission) from the GenderGapTracker and modified to run on a Jupyter Notebook. The Semantic Tagger notebook has been adapted (with permission) from the Python Multilingual Urel Semantic Analysis System (PyMUSAS). Relevant references and links will be provided in the talk.