A Pragmatic Approach to Neural Information Retrieval

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Abstract

This tutorial provides a gentle introduction to Neural Information Retrieval (NIR). In the last few years, neural techniques have been fruitfully applied to both Natural Language Processing and Information Retrieval (IR). We will review the recent approaches applying neural networks to the IR ad-hoc task, i.e., ranking documents given a textual query. The tutorial will also provide some practical hands-on sessions where attendees will learn how to experiment and apply the techniques reviewed to public datasets.

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