

Text Mining in Social Networks

Contact: Dr. Wei Ji, w.1.ji@herts.ac.uk

Projects and Requirements:

Prospective candidates should have a strong background in Computer Science or another relevant computational discipline. Ideally, they should have some background in the areas of data mining or machine learning but that is not a necessity. Candidates who have experience in artificial intelligence are welcome.

The aim of the project is to explore various text mining algorithms in social networks, to transform social media data into knowledge for decision makers and e-marketers, or to extract meaningful patterns for semantic analysis. The project is particularly interested in ways to limit the amount of manual labelling required, such as using active learning or knowledge-rich approaches.

The project can also be extended to consider big data.