

Data Forensics with Analytics

Checking Veracity of Facts in Qatar

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Data forensics with Analytics, shortly DAFNA, is an ambitious project of the data analytics group of Qatar Computing Research Institute. Its main goal is to provide efficient and effective algorithms and tools which enable user applications to be aware of the veracity level of redundant information from multiple untrustworthy sources they consume. One concrete targeted application of this project is to build an end-to-end truth discovery system that provides reliable information about facts in Qatar, given some extraction and integration phases. This challenge asks for dealing with diverse research sub-problems related to fact extraction, study of existing truth finding algorithms, and inference of an efficient approach.

We will present our ongoing study to compare existing truth discovery algorithms, providing an API for using those algorithms, and finally the coupling of the truth finding process with real information extraction systems.

Comparative evaluation

Release of a free API

Coupling with Web extractors