Data Leakage Detection in Social Networks

Goals

With the ever-increasing use of social networks, the amount of information exposed by users is growing at exponential rates. Such an environment leads to multiple cases of leakage (both intentional and not) of confidential information on social networks. Currently, no comprehensive solutions to this problem exist. This project is a first attempt to address this problem.

Description

This project is a collaboration between three universities – Ben-Gurion (BGU), Bar Ilan (BIU) and Tel Aviv (TAU). Each university is responsible for a different aspect of the project:

- BGU – responsible for developing the algorithms for text analysis, profile matching (identifying the same user over several social networks) and the development of a strategy for positioning the analysis tools in the social network.

- BIU – responsible for developing the crawling tools that will enable us to mine the social network and compile the dataset that will be used for the training of the model. The same software will also be used in the test phase, on "real" data.

- TAU – researching the various legal aspects and providing legal guidelines for the other two teams.

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