Psychological Profiling of Twitter Users

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Master thesis in Computer Science

This thesis discusses the link between the psychological makeup of people and written text. More precisely, we examine the usefulness of specific word categories and other linguistic style elements commonly found in Twitter tweets to detect the five basic psychological traits known as the Big Five Personality Traits. The analysis is done using English and Spanish tweets. We also examine the usefulness of three different classification methods for this task; Naive Bayes, k-Nearest Neighbour as well as a classifier based on the Winnow algorithm.

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