**SENTIMENT ANALYSIS OF TWITTER DATA**

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icroblogging websites have evolved to become a source of varied kind of information. This is due to nature of microblogs on which people post real time messages about their opinions on a variety of topics, discuss current issues, complain, and express positive sentiment for products they use in daily life. In fact, companies manufacturing such products have started to poll these microblogs to get a sense of general sentiment for their product. Many times, these companies study user reactions and reply to users on microblogs. One challenge is to build technology to detect and summarize an overall sentiment. In this paper, we look at one such popular microblog called Twitter and build models for classifying “tweets” into positive, negative and neutral sentiment. We build models for two classification tasks: a binary task of classifying sentiment into positive and negative classes and a 3-way task of classifying sentiment into positive, negative and neutral classes. We experiment with three types of models: unigram model, a feature-based model and a tree kernel-based model.