Chapter 13

Tweet Portraiture:
Understanding the Gist of Electronic Identities through Microblogged Messaging in Social Media Using NCapture and NVivo 10

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ABSTRACT

A lifetime collection of microblogging messages captured from a microblogging account may be extracted from Twitter using NCapture (an add-on to Chrome and Internet Explorer); these short messages may be analyzed through NVivo and other data analysis and visualization software tools in order to highlight compressed-time gists (essences) of Twitter accounts for rapid assessment. This chapter provides an overview of how this work may be done and how the resulting word clouds, word trees, and tree maps may be analyzed for latent insights. This research approach may be applied to a range of social media platforms using the same software tools here (or using others that are publicly available). This chapter concludes with ideas for how to extend these methods.

INTRODUCTION

Microblogging sites are those that aggregate and distribute short text messages between its users in private, semi-public, and public venues. If people are a sum of their actions (and habituated behaviors and thinking), then can it be said that an online account identity on a microblogging site (like Twitter) is a sum of its expressed ideas? Would 140-character microblogging messages—expressed as fleeting asides, often without the benefit of forethought or critical mind oversight—capture an impulse-based aspect of identity that would not be seeable otherwise? Said another way, does this microblogging medium elicit communication from people that they “are less likely to express using existing technologies” (Grace, Zhao, & boyd, 2010, p. 4517). In other words, does the speed and riposte of this technology erase people’s own personal filters on communications? After all, the sine qua non of microblogging is real-time and interactive short-form communications to capture...
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At the time of the data extraction for this unnamed private company, the company had 7,507 Tweets, 192 following (accounts that this account was following), and 53,726 followers (those who followed this account). The most common term in the microblogging Tweets was “sitrep” or the shortened form for “situation report,” a Western military term. The hashtagged conversations point to regions of the world which are hotspots for political strife. The words here point to extreme and timely conflictual realities. Some of the lingo for those in political leadership, military, and graduate and undergraduate students. This real-world sample word cloud points to the niche that this global intelligence company has created for itself in relation to other entities in the environment. (In a “cyber-physical confluence,” the cyber does not evoke the physical world in totality; rather, there is a light overlap that highlights some aspects of the on-ground reality.) Strategically, an information worlds, social media, massive online games, wikis, blogs, and discussion boards. In this field research approach, collecting online information and interacting with others online are common research tools in the natural setting of immersive online spaces. These comprise online ethnography fieldwork. Intercommunications to the public are a social performance. Identifying topics of interest in Twitter users’ accounts to learn about the account holders’ interests is not new (Michelson & Mackassy, 2010); microblogging content may be used to profile users “according to substance, style, status, and social tendency” (Tsur & Rappoport, 2012, p. 644). What may be somewhat original is the sequencing and the application of various publicly available technologies for the analysis. This is a micro study because its unit of social analysis is an individual or group (as expressed in an account). To provide a sense of this level of analysis. Figure 1, “A Private Company’s Twitter History Expressed as a Word Cloud” shows a real-world microblogging extraction depicted as a word cloud, with main words expressed by size and centrality.