Manager,

I am looking forward to setting my text mining project into motion, assuming we can properly manage expectations based on our understanding of the text data that was collected through Twitter. Working with unstructured data can be difficult therefore it is important to review the challenges that I expect to confront before meeting with Mark. One of the biggest obstacles that will prevent the text mining project from succeeding are the data sample size, which is limited by the 500 tweets with preset character limits and collection from a single data source. The other challenge will be the interpretation of natural language, which sometimes requires an interpreter for multilingual sets of documents and the ambiguity of language while being analyzed by a text miner. Addressing these challenges and suggesting solutions such as using Facebook API to blend data into internal resources. An easy solution to remove the text miner’s bias is to develop an automated software that will not require an employee’s knowledge. Let me know if this covers potential obstacles that you see the project facing.

Sincerely,

Andrew Pierson