

would be the case then the admins could easily view the personal banking information of customers with is not correct.

Link: <https://www.macobserver.com/analysis/capital-one-natural-language-chatbot-eno/>

c) Future of BI in Natural Language Processing [140]

Several companies in BI spaces are trying to get with the trend and trying hard to ensure that data becomes more friendly and easily accessible. But still there is a long way for this. BI will also make it easier to access as GUI is not needed. Because nowadays the queries are made by text or voice command on smartphones. One of the most common examples is Google might tell you today what tomorrow's weather will be. But soon enough, we will be able to ask our personal data chatbot about customer sentiment today, and how we feel about their brand next week; all while walking down the street. Today, NLP tends to be based on turning natural language into machine language. But with time the technology matures – especially the AI component – the computer will get better at “understanding” the query and start to deliver answers rather than search results. Initially, the data chatbot will probably ask the question ‘how have revenues changed over the last three-quarters?’ and then return pages of data for you to analyze. But once it learns the semantic relations and inferences of the question, it will be able to automatically perform the filtering and formulation necessary to provide an intelligible answer, rather than simply showing you data.

Link: <http://www.smartdatacollective.com/eran-levy/489410/here-s-why-natural-language-processing-future-bi>

d) Using Natural Language Processing and Network Analysis to Develop a Conceptual Framework for Medication Therapy Management Research [97]

Natural Language Processing and Network Analysis to Develop a Conceptual Framework for Medication Therapy Management Research describes a theory derivation process that is used to develop a conceptual framework for medication therapy management (MTM) research. The MTM service model and chronic care model are selected as parent theories. Review article abstracts target medication therapy management in chronic disease care that were retrieved from Ovid Medline (2000–2016). Unique concepts in each abstract are extracted using Meta Map and their pair-wise co-occurrence are determined. Then the information is used to construct a network graph of concept co-occurrence that is further analyzed to identify content for the new conceptual model. 142 abstracts are analyzed. Medication adherence is the most studied drug therapy problem and co-occurred with concepts related to patient-centered interventions targeting self-management. The enhanced model consists of 65 concepts clustered into 14 constructs. The framework requires additional refinement and evaluation to determine its relevance and applicability across a broad audience including underserved settings.

Link: <https://www.ncbi.nlm.nih.gov/pubmed/28269895?dopt=Abstract>

e) Meet the Pilot, world's first language translating earbuds [96]

The world's first smart earpiece Pilot will soon be transcribed over 15 languages. According to Spring wise, Waverly Labs' Pilot can already transliterate five spoken languages, English, French, Italian, Portuguese, and Spanish, and seven written affixed languages, German, Hindi,