

The lexicon was created using MeSH (Medical Subject Headings), Dorland's Illustrated Medical Dictionary and general English Dictionaries. The Centre d'Informatique Hospitaliere of the Hopital Cantonal de Geneve is working on an electronic archiving environment with NLP features [81, 119]. In the first phase, patient records were archived. At later stage the LSP-MLP has been adapted for French [10, 72, 94, 113], and finally, a proper NLP system called RECIT [9, 11, 17, 106] has been developed using a method called Proximity Processing [88]. It's task was to implement a robust and multilingual system able to analyze/comprehend medical sentences, and to preserve a knowledge of free text into a language independent knowledge representation [107, 108]. The Columbia university of New York has developed an NLP system called MEDLEE (MEDical Language Extraction and Encoding System) that identifies clinical information in narrative reports and transforms the textual information into structured representation [45].

3.3 NLP in talk

We next discuss some of the recent NLP projects implemented by various companies:

a) ACE Powered GDPR Robot Launched by RAVN Systems [134]

RAVN Systems, a leading expert in Artificial Intelligence (AI), Search and Knowledge Management Solutions, announced the launch of a RAVN ("Applied Cognitive Engine") i.e. powered software Robot to help and facilitate the GDPR ("General Data Protection Regulation") compliance. The Robot uses AI techniques to automatically analyze documents and other types of data in any business system which is subject to GDPR rules. It allows users to search, retrieve, flag, classify, and report on data, mediated to be super sensitive under GDPR quickly and easily. Users also can identify personal data from documents, view feeds on the latest personal data that requires attention and provide reports on the data suggested to be deleted or secured. RAVN's GDPR Robot is also able to hasten requests for information (Data Subject Access Requests - "DSAR") in a simple and efficient way, removing the need for a physical approach to these requests which tends to be very labor thorough. Peter Wallqvist, CSO at RAVN Systems commented, "GDPR compliance is of universal paramountcy as it will be exploited by any organization that controls and processes data concerning EU citizens.

Link: http://markets.financialcontent.com/stocks/news/read/33888795/RAVN_Systems_Launch_the_ACE_Powered_GDPR_Robot

b) Eno A Natural Language Chatbot Launched by Capital One [56]

Capital One announces a chatbot for customers called Eno. Eno is a natural language chatbot that people socialize through texting. CapitalOne claims that Eno is First natural language SMS chatbot from a U.S. bank that allows customers to ask questions using natural language. Customers can interact with Eno asking questions about their savings and others using a text interface. Eno makes such an environment that it feels that a human is interacting. This provides a different platform than other brands that launch chatbots like Facebook Messenger and Skype. They believed that Facebook has too much access to private information of a person, which could get them into trouble with privacy laws U.S. financial institutions work under. Like Facebook Page admin can access full transcripts of the bot's conversations. If that