

PATIENT CASE SIMILARITY

TEAM: THE_OUTLIERS

NATIONAL INSTITUTE OF TECHNOLOGY, SILCHAR

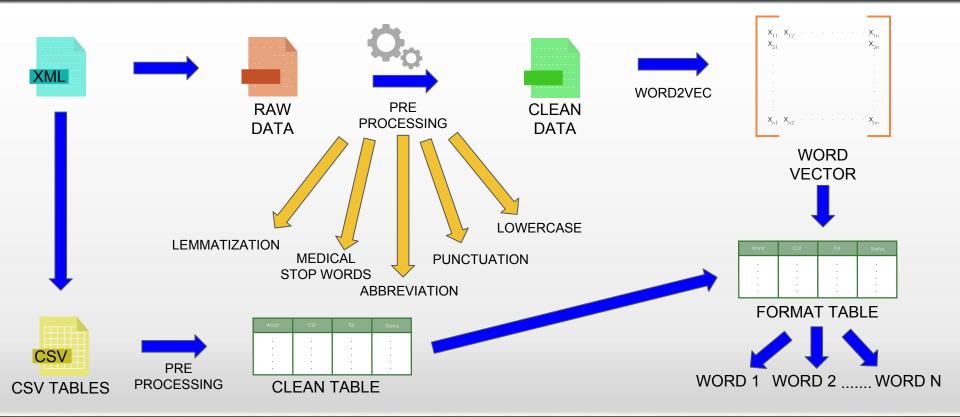
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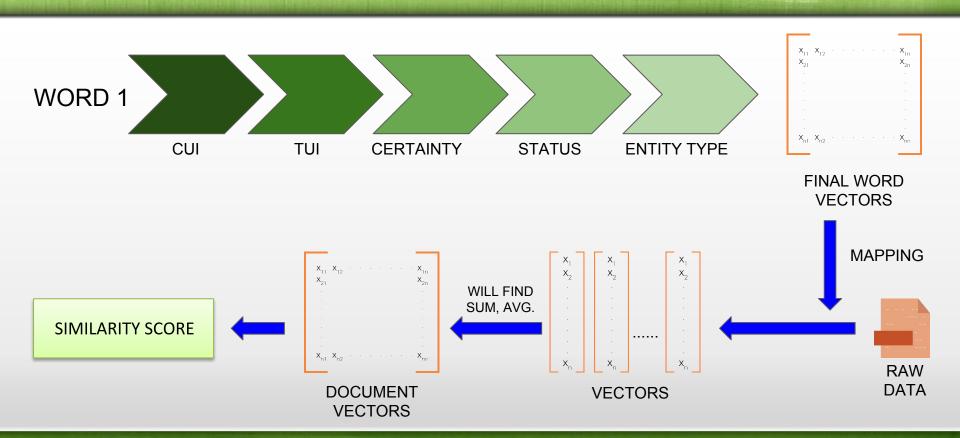


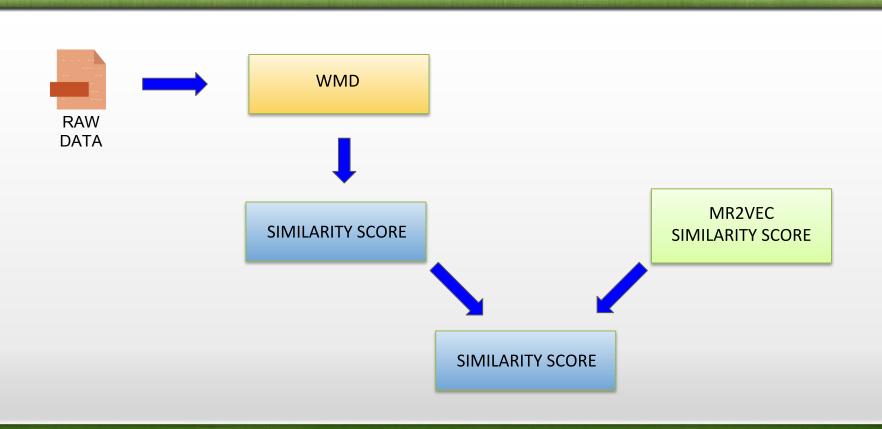
CHALLENGES

- THE VAST SYNONYMY IN MEDICAL TEXT MAKES IT UNSUITABLE TO BE TREATED AS TRIVIAL NLP USE CASE.
- IT IS DIFFICULT TO INCORPORATE DOMAIN KNOWLEDGE.
- MEDICAL DATA IS NOT PUBLICLY AVAILABLE FOR ANALYTICAL PURPOSES.
- THE DATA IS HIGHLY VARIANT DEPENDING UPON THE DEMOGRAPHIC PARTICULARS OF THE PATIENT.

MR2VEC







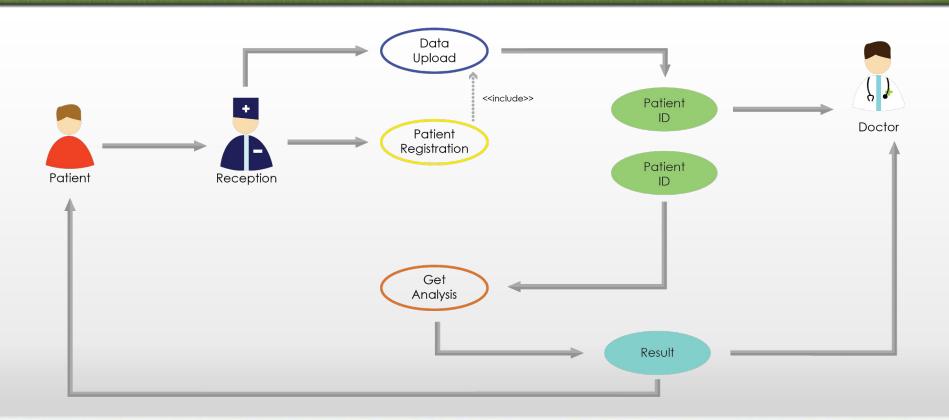
FEATURES USED

- CUI
- TUI
- CERTAINTY
- STATUS
- SECTION NAME
- DOCUMENT TYPE
- RANK

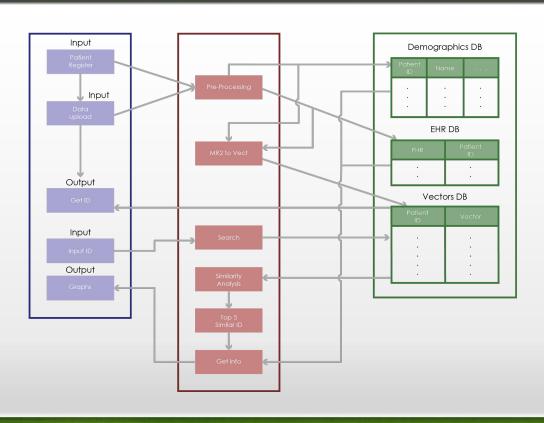
NOVELTY

- WORD MOVERS DISTANCE
- CONCATENATION OF WORD VECTORS AND MANUAL FEATURE VECTORS
- CREATING PATIENT SPECIFIC WORD VECTORS

FUTURE PROSPECTS



FUTURE PROSPECTS(CONTD.)



MEET THE TEAM

THE_OUTLIERS

NATIONAL INSTITUTE OF TECHNOLOGY, SILCHAR



APOORVA VIKRAM SINGH



DIVYANSHA



KHILJI ABDULLAH FAIZ UR RAHMAN



SACHIN RAI



ANUBHAV SACHAN



TUSHAR AGARWAL

THANK YOU