

Natural hanguage Processing

(1) NLV Problem use casel.

(2) How do we structure words / lentance Feature Conginering Samue models -> RNN, LETM, GRV, Tomeformer Attendrán words = Embroldings , Is a way to thinking our
languages words Centinces | document Vectors Invole hauge hanguage models RLHA - SChatapt Vrus timodel Imy Jen 4 Pringt

Natural language - "s a leavence 00000 This Da great botch Great His is baitch Natural Language Processing Underständing information - frantiset O Contout / Sontimental Clarge / Sarcasan O Romawa ed words

O Tuy ke main dokte lunger (JTI) - Lughich

Py ineur Translation of D Planetics

Senden Cales:

Sentiment on polyeis Grad & pour L. Han

Translation

Grant & Chatbots

Grant & Chatbots

Grant & Chatbots

Grant & Chatbots

WER, information Use Cales:

D= () (21) hangwage model. Longrage model Senteners are very conclear a throne Cennerations Preprocessing techniques:

Document classification

Sports

Enfertainment special characters of http:... Removal of unuouded Characters or Patterns of Characters francer Source Sentence. TICHET ITUS Ticket Clarifier Sentiment closes of contra Regen , a proved of defining certain patterns using Gentan rules. Jan very hungry, Juill vodery piczar and

- Entrad some défined patiens frances [w] Logo. 20
Reducation: martus Stopwords (an), a the Decause and Theen Decause and Theen Translation, what both, Torno tun 21'C s whates the temp freemon H STE STIZEIE, From Jan going home Steming havnonation Findedding words - vectors - model

Embedding Frequency based Country the words foodstin basid. Vectors generated through NW: Content? ganguing home, home is where heat is , anis, gorng: 1 home 2 , 1s: 2. Where 1, heat:) Run, kunning, Raw & Run hupful 10:320 10:40 Pm 1-1-1

How to supresent sentences / documents in a veteton sell form using framency embiddings. Bag of words model Document Classification

Course of the street words

Ver (2)

Course of the street words

Course of the street wor Orstrano Ronaldo god toan furnd Cristique 15 quat 3 Pura hepa Performe in Cannel.

doomany dimenerant does not montain content Dorder not maintained By definition your and all words are independent humostration

Stuning & Cumnafization Proportion Porter l'emmer Lemmatization Spradons -Running Run
Ran Kan Sprede Caresper gane Jan going to visit my home and will make and sull make and Deputary In my oun ione averone Humming & humatica Has wood tokuseer (wood? Scrituice - words

Sentère lokeriser Louments -, Sentence

(') sugar G | am | going | to | ny | home = sput (-?)

[J, am', going to', my', homa')

He nite = word tokenson 6 tweet - words tweets, count of the word in negative tweet. The game treat (110), 110)

(game, 0): 20 € Game, 1): 40 (awisome, 01: 50 (awwomy): 90 gome le aversure game awdome pa= fers [(game, 1) = 40 + frage [auce one 70] 50

neg = freve [game, 0)] = 20 + forge [auce one 70]) PO1= 130 n = = 70 terer = (1, 130, 70)