Computational Enguistics has to find wooded for North Surface of the following levels: (squtex 13 Completely After House). ALP - cucking a ficknokegy that docks with worked languege (cuthingy all found for four languege). Lak - applied fythau. his of spice for the fixed. Noturd Lauguage Gowerthin My of the difference between Enghists and laying framely.
We copies the difference between Enghistiss and laying from process of the him to him and difference the power of his to hat of him alongtond the forth of hat all makes the process to generate the four also as a week process to generate the last had also as a week process to generate Hy refers to a couting of English squitex is very fruph -> layurs wanter is for flowed -> layurs wanter is for flowed flowed layurgh. Freuch is on example of our subscribes of layurs (success) from confections of layurs (success) from confections of squishing or squitted to church subject. De Kescald Reld - eminorty. Hahrd bengrege mousey asgorithms or princily tested in English. (MN) Engraph of solony suppl

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THE Processing Levels: - synfactical - Siman Ficel - proguatic livel. Morphological -> The phrase, but not with the Sinse of a pet of sentences! A phrase is any group of words ordin a phrese the softwere to understand a Ultimete goel is for the softwere to understand a phrese. Noturel language is thereoferized by autisians of the softwere to understand a phrese. Noturel language is thereoferized by autisians of the softwere for. ex: bank, howhere ops.) nom verb. Aubiguity II very strong he English. Surantice ambiguity II particularly high in English. As a vent -> 7 meanings. If 12 meanings.

As a vent -> 5 meanings

By the lowest level, we perform a morphological form of speech is v. important, it Top each word in the night phrase with a port of speech. -> Software B termed helps solve ausignsty. POS - tagger -) family of software, Port of speech taggers, there are teveral availables the

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regardless of the linkert of actions in. At faventic level of our thing to determine the mooning of our impart phose, context free, Junouties - war determine morning seuse. Eughir nothing is established. - Lewentic level - 1s roy much chin, even for Threse Amothro ignition is very much established. Browshire 15 focused. Browshire of syntectic and be type of syntectic and be. phase (there ar completely childrent syntectic duels) - Syndectil lovel - means the Hustun of the Stanford 105- Jugas had 98% brokens whose los 6 brokens which is however a field whose los 6 brokens the stand whose los 6 brokens the stand whose los 6 brokens the stand and whose los od brokens the stand of choose of the countries of the coun Jove programmers always we the Student 125-If the let we will work with HLTR, lyhou, with HLTR, lyhou, which bere is the best. We do not have soon (Stewford Pat of speech Jegger, famous and yearous hay the Stanfad Group our.

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Various types of autignities that an occin. Morphological ambiguity -> Rie lies like sand web? noun? Establishing meaning context free. - At the proguatic level, we do take Custant and context into account.

This is an emder developed level -> many Photo
then in this of field.
We will not get into the prequestic level
at all.

We will focus on the femantic Bevel. There or 2 completely different theories concernity - Syntectic level hoguses on the structure of a phoses. -> the process is called parsing.

Syntectic analysis algorithms are called parsing algorithms. Parsity is very weell established for English. Terms for synfactic analytis; - syntactic phrase (grup sintactic) around a word, which is considered the group head. Those words are in which is considered the around that FAB group head.

THIS () HINT

If we dong the type of grammer the the openative grammar (horself)

Nos a name studies of Apries for How to phose -) [prop. phose. Pules: asaudence 5 -> MPVP st of view the 1 the dre of Ephics est count of the bedground a solution of will grow miles. con men obtsming the concetented phieses that deforming the studies of a phoses (syntechial analyss) - salvabile phase (PD) - the back is -- solvetied phose (Adf) - Vorle phress (VP) - the beed is a vorle. -noun phase (NP) - the bed is a hour. 1 square to south smonol The colorin is hourd by grammer wiles

Bibliographe - pentre andize sintactià. 11. F. Hrister - Tritochuce in procesare lindiquellis returnel, Editure Universitate alla Breezesti, 2010. Li pater de granchici generative este identité in cel 2 carti, reconcendate. Corpitalul 3, h-fillet "Granatia"). Itspecte ale representani comostitutelos, cu aplicații natural. Ed. Univ. Buc., 2011, capitolal 3 - "Granatici generative pt processee lubejului haterel". Huste cotti sunt pl. parter ritroductive. Aludiza sintectico baizate pe constituenti: Constituentes este un grup sintactic. - Analize s'infactice de dependenté este complet diferité. Tipinte de audité fittéchée - s dépind de tipul de aplicable. Obtinete god - wake it earier for the soffmen to understand natural language. Intendiscipliverty. This type of syntectit analysis uses guerestive granumers, which are tools of busineedge representation. A granumer Concatenation (vocated by Chansky)

The opending is clad pensing the output of the phoses. to eliminate words worthant content. Articles conjunctions prepositions on words unthous 20 moun X 20 mon X Inchriduck words -> content words (curinto u) Moun Hajadine These rules can refer to synboth could and and Judividud words (et adjocktos) harical symbols) is S'-> HPVP men 1 shuther rule. There is a symbol designeting the cutine Eupont phrese. They can be represented as a true. NP -> XIPAdy -> phose studing ouls besod on NP -> 1/ Ady y -> concodenction, out they on for ex, o verte phrese con pe voded with Just our M. - Why is a phose-stucture rule.

Assuming we have the following injents: < I twofuse tree (whis I the output of the parter) O milye S[np[(art,o),(n,minge)], vp[...] L) but it infure that represents the tree. This represents a syntactical analysis of this phrase. The warn difficulty in natural language is Hubijung can be of different types. 1). Structural ambiguity - This occurs whenever a parser dedected different possible structure for the phase -, for each structure there is a different tree. This takes you to the vext level. Hudrei vede un baiat in parc on un telescop. Structured ambiguity leads to semantic ambiguity. An Intelligent algorithm should give me two parsing trees. Faber-Castell

texical autifuity to the that an light hexical aurliguity -> a word con be
pents of spooch. (ex: nia flies). en un telescop. tolog MO JA र एक प् balat w rede WY dN JN 10 154!-

Some fines, ambiguity can be revolved. Flyry planes are dangerow. Flyny planes is dangerous. post of speech Verb. 3. Jemantic ambiguity, which concerns us the A word has runchiple meanings. A word has several meanitys. Ex of a sentence which it not structurally ambiguous , leut it is sementially ambiguous l'écore copil inseste à préjutaine Northerd Language Processity Leleonchory text 2. vocab (). keys (). (.Sort() prilit (l) [exp(x) for x in lift if cond(x)] |String.isalnum() - The isalnum() method actions the if all characteres in the strong are If act Casteturus Fala.