NLP (I) Materal Language Processing: of Intelligence is the ability to communicate. NLP is about how we con create algorithms and models that can complied human language and Speech Judentending manners has been a problem for for exiof solving to queen one man is to y=f(king); ) y= queen i. At alender changer) Changes (man) Aus: - Woman! Now a quick look at a technique that solves this problem: Word to Vector Vector (lung) - Vector (Queen) + rector (man) = vector?

Sector (Women) Components of NLP: (i) Merphological Analysi's (2) Syntactic Analysis (3) Semantic Analysis Morphological procusing Dic course Integration Pragmatie Analysis Lexi cons Syntax analyris Ha muest Semantic Semantic Imponents of Morpho Jogical du dy si's Analy eing Structure 9,0 Lexical analyers ((Word)) HEY J (HI.E., L. Semantic Chalysis: -) Analyses Meaning -) Transfers the linear Sequence of words Puto Structures. -> Only focuses on the literal meaning of the words, sentences and phrases. Eg: (Colorders Green Folea) Synfectical
Analyzer
Colorley Soles. Jask of this stage. I the men'n the difference blu 1) Close the Window? 4 One of them is an order and one of them is a gregnest. Syntag draly 813: The syntax refers to the Irvles & principles that governs the sentence structure. Communication suvolves more than making a side understand what the other is toying to communicate. Syntax follows proper ordering of words such that the meaning meaning and context remain intent. How to Implement NIP 1 Machine Learning (hatest) 2) Startical Inference (legacy) NLP Boducts 1) Recommedation Systems 2) Comail ) Span Detection 3) Sitie, Alexa, Google Ausshaut (4) Banking and Document processing (5) Chat bots on IRCTC / SW19gy of Romala. The Barres of MP for fect!-Sentence Colemization Word Tokenization (B) lext Lemmadization and Stemming Stop ands Legex (6) Bag of Words TA-136