

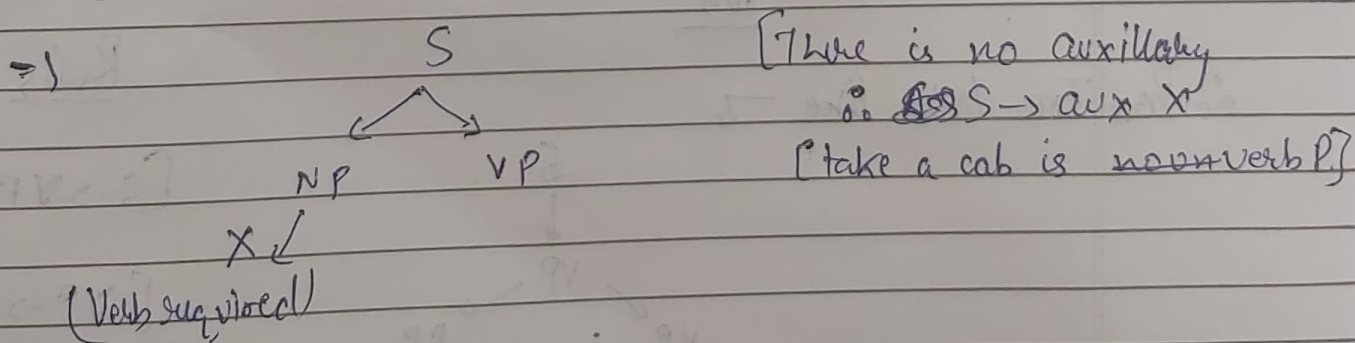
Q-5 Phases of NLP.

- 1) Lexical Analysis
↓
- 2) Syntactic analysis.
↓
- 3) Semantic analysis
↓
- 4) Discourse integration
↓
- 5) Pragmatic Analysis

⇒ Syntactic Analysis.

Sentence - "take a cab from station".

Parse Tree (Top down).



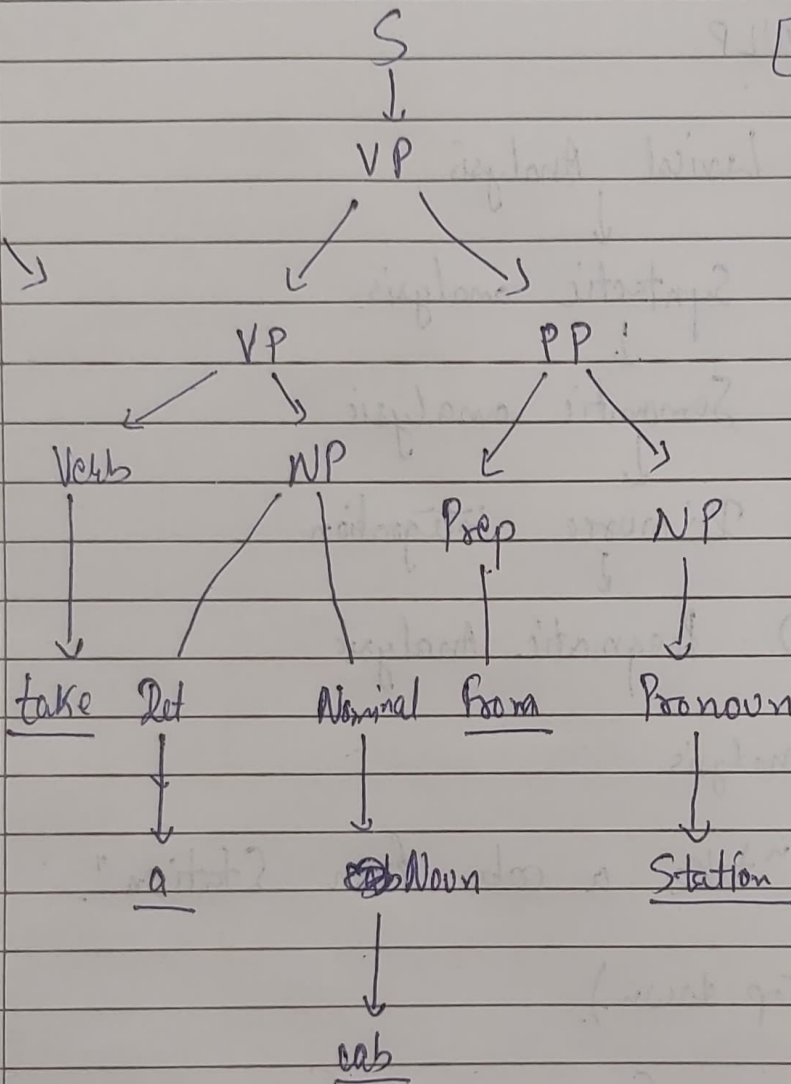
⇒

P.T.O

[Verb Phrase + Noun Phr.]

verb + NP →
↑
[Take a cab]

[PP → Prep NP]



Rules

o Para Tree looks like →

[S → VP]

[VP → VP PP]

[VP → V NP, PP → Prep NP]

[Prep → from, NP → Pronoun]

[Det → a, Nominal → Noun, Pronoun → station]

[Noun → cab]

[V → take], NP → Det Noun

