

# Elements of Language Processing and Learning

Project 1: Steps 1 & 2

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## 1 Introduction

In this project we had to implement a prototype statistical parser. Having the given treebank we had to parse and extract the rules using this statistical parser. Each rule is represented by the non-terminal left-hand side node, and the right-side node or nodes. a typical example of binary rule is this:  $X \rightarrow \alpha \beta$  In general in our treebank there were mostly binary rules but in some cases we had to handle and unary rules which have this form:  $X \rightarrow \alpha$

## 2 Conclusion