Georgetown
University

ANLY-580
Natural Language Processing

Language Modeling: Part I

Fall 2021
Lecture 06
Instructor: Chris Larson

Sep 30, 2021

Lesson plan

- Lecture (90 min):
  - What is language modeling?
  - N-grams
    - Markov assumption to the chain rule
    - Estimation procedures
    - Smoothing
  - Character N-grams
    - Embeddings
- Lab (60 min):
  - Text similarity matching with [FastText](#) and [Virtex](#)