

What You Should Know

- What is an N-gram language model? What assumptions are made in an N-gram language model? What are the events involved?
- How to compute ML estimate of an N-gram language model?
- Why do we need to do smoothing in general?
- Know the major smoothing methods and how they work: additive smoothing, absolute discount, linear interpolation (fixed coefficient), Dirichlet prior, Good Turing
- Know the basic idea of deriving Dirichlet prior smoothing