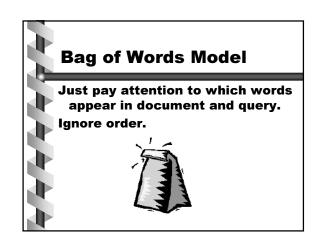
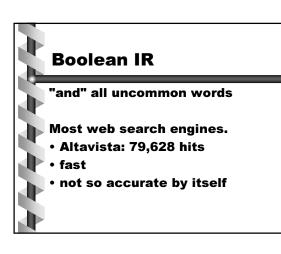
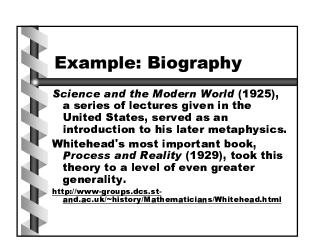
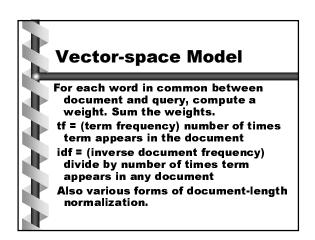


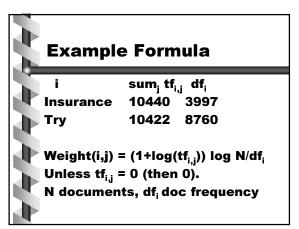
Main Insights How identify "good" docs? • More words in common is good. • Rare words more important than common words. • Long documents carry less weight, all other things being equal.

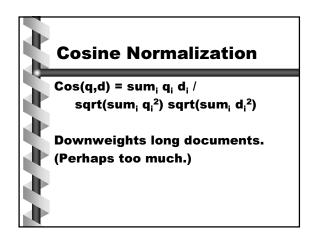


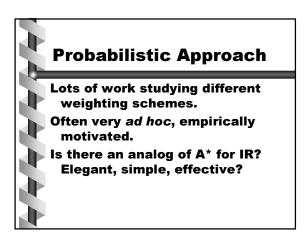


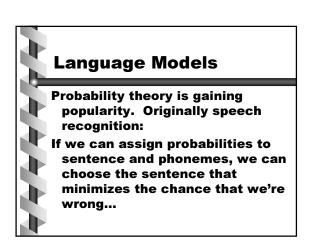


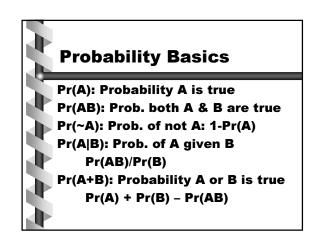


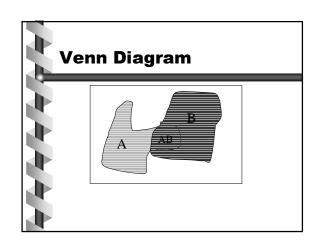


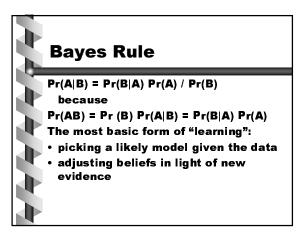


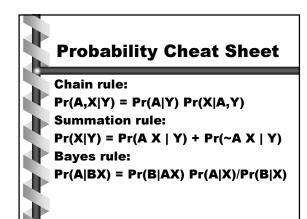


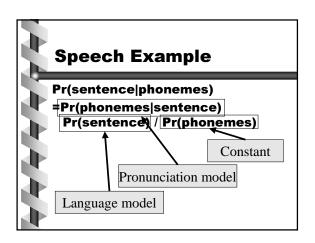




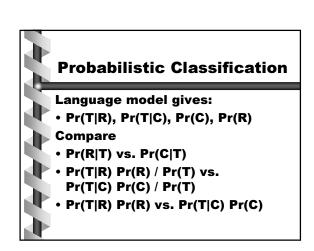


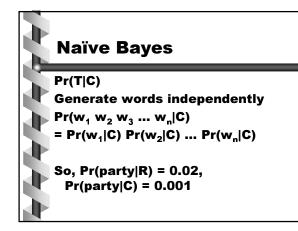


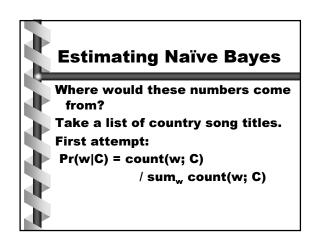


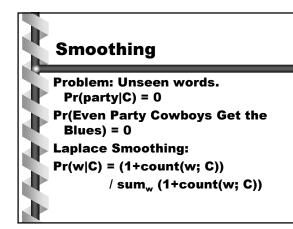




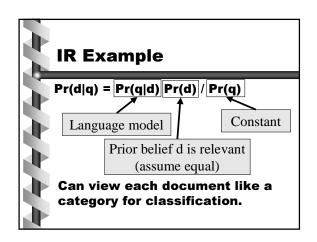


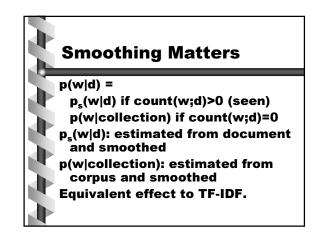


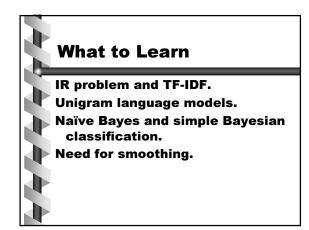


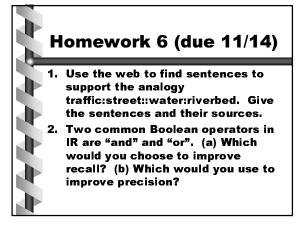














3. Argue that the language modeling approach to IR gives an effect like TF-IDF. (a) First, argue that Pr(q|d) > Pr(q'|d) if q' is just like q but