The Naive Bayes Algorithm: Takeaways ⤴

Concepts

- When a new message comes in, the Naive Bayes algorithm classifies it as spam or non-spam based on the results of these two conditional probabilities:

- The Naive Bayes Algorithm relies on the assumption of conditional independence to make calculations easier

- To calculate and , we need to use the additive smoothing technique:

Resources

- [A technical intro to a few version of the Naive Bayes algorithm](#)
- [An intro to conditional independence](#)