

## Appendix

1. A walk through of the Naïve Bayes basics along with a step by step walk through of implementing Gaussian Naïve Bayes in Python:

<https://www.analyticsvidhya.com/blog/2021/11/implementation-of-gaussian-naive-bayes-in-python-sklearn/>

2. Below is a video explaining multinomial Naïve Bayes Theory, this is as a lead in for the next video.

<https://www.youtube.com/watch?v=O2L2Uv9pdDA>

3. This is a video that explains more of the statistical theory behind Gaussian Naïve Bays. It assumes you have knowledge of multinomial naïve bayes theory.

[Gaussian Naive Bayes, Clearly Explained!!!](#)

4. Below is a video displaying the creation of a Gaussian Naïve Bayes model in action.

[Naive Bayes Gaussian Model in Python](#)

5. An overview of Gaussian Naïve Bayes and an overview of parameters, attributes, and methods

[https://scikit-learn.org/stable/modules/generated/sklearn.naive\\_bayes.GaussianNB.html](https://scikit-learn.org/stable/modules/generated/sklearn.naive_bayes.GaussianNB.html)

[https://scikit-learn.org/stable/modules/naive\\_bayes.html#gaussian-naive-bayes](https://scikit-learn.org/stable/modules/naive_bayes.html#gaussian-naive-bayes)

6. Naive Bayes Classifier from Scratch in Python

<https://machinelearningmastery.com/naive-bayes-classifier-scratch-python/>

7. Naive Bayes with Hyperparameter Tuning

<https://www.kaggle.com/code/akshaysharma001/naive-bayes-with-hyperpameter-tuning>

8. Naive Bayes Algorithm

<https://www.educba.com/naive-bayes-algorithm/>

#### 9. Naive Bayes vs Logistic Regression

[https://medium.com/@sangha\\_deb/naive-bayes-vs-logistic-regression-a319b07a5d4c](https://medium.com/@sangha_deb/naive-bayes-vs-logistic-regression-a319b07a5d4c)

#### 10. Deep Understanding of Discriminative and Generative Models in Machine Learning

<https://www.analyticsvidhya.com/blog/2021/07/deep-understanding-of-discriminative-and-generative-models-in-machine-learning/#:~:text=Discriminative%20models%20draw%20boundaries%20in,the%20labels%20of%20the%20data.>