



**PROJECT REPORT**  
**MUSIC GENRE CLASSIFICATION USING RANDOM  
FOREST ALGORITHM COMPARED WITH NAÏVE BAYES  
ALGORITHM**  
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## ABSTRACT

*This study aims to compare the Random Forest algorithm with Naive Bayes and find out which algorithm has better accuracy. After finding which algorithm is better, the author looks for causes that make one algorithm better than the other*

*To get the results, the authors conducted an experiment by conducting an accuracy test using the GTZAN Dataset. Testing is done by changing the parameters of the Test Set and Train Set.*

*In the end, Random Forest provides better accuracy than Naive Bayes, although the difference in accuracy is not that great.*

*Keyword: random forest, naïve bayes, gtzan datasets, accuracy,*

