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# Live Day 1- Introduction And Roadmap To Natural Language Processing And Quiz-5000Inr Give Away - YouTube - Notes Export

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## Summary

Notes

Screenshots

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ML Vision

Mail Spam Classifier

Dataset

f1	Email body	f2 Email Subject	Spam/Ham o/p
1)	You won 100000 \$\$	Billionaire	Spam
2)	Hey KRISH, HOW ARE YOU	Hello	HAM
3)	Credit Cards Worth	Winner	Spam

Input features: Email body, Email Subject

① Tokenization → ② Stemming → ③ Stopwords Generation

▶ 40:23

# Mail Spam Classifier


Dataset		Spam/Ham
f1	f2	
Email body	Email Subject	O/p
1) You won 100000 \$\$	Billionaire	Spam
2) Hey KRISH, How ARE you	Hello	HAM
3) Credit Cards WORK	Winner	Spam

① Tokenization → ② Stemming → ③ Lemmatization

Stopwords

You won 100000 \$\$  
Hey KRISH How ARE you  
Credit Cards WORK

① Tokenization : { Sentence into words }    Sentence → Words



▶ 41:38


# Review Classification

① Language Translation  
② Chatbot

## Step 1: Text Preprocessing

① Tokenization    ② Stopwords    ③ Stemming    ④ Lemmatization

Step 2 : Words → Vectors




▶ 54:34

text preprocessing

① Tokenization    ② Stopwords    ③ Stemming    ④ Lemmatization

Step 2: Words → Vectors

① Bag of Words    ② TF-IDF    ③ Word2Vec



▶ 55:29