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Data Visualization

- What is data Visualization?
- Python Multiple Graphics Library
- 1. Matplotlib
- 2. Pandas Visualization
- 3. Seaborn
- 4. Ggplot

Data Visualization

What is your favorite color?

What is word cloud?



What are the parameters in wordcloud?

What is tokens?

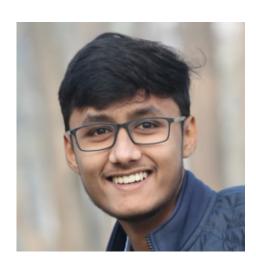
Name-B.Rohit sai

Regid-11602108

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Github:https://github.com/Rohitsaibehara



Data cleaning

Python

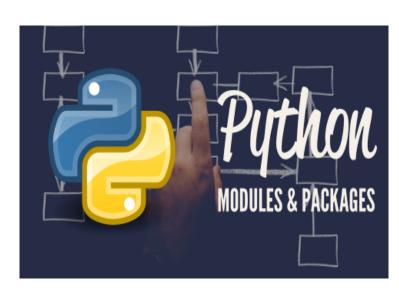
Ms Excel

• Tableau

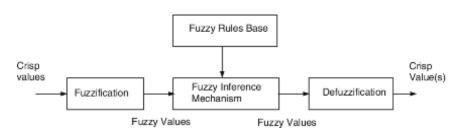


Packages used in Python

- Pandas
- Matplotlib
- Numpy
- Sklearn.model_seletion
- Sklearn.linear_model
- Train_test_split
- LinearRegression()



Fuzzification



Fuzzy Logic Systems (FLS) produce acceptable but definite output in response to incomplete, ambiguous, distorted, or inaccurate (fuzzy) input.

- Where we have used the Fuzzification in ?
- What was the reason to use Fuzzification in our project?
- Applications of Fuzzification?

Training our program

- Supervised learning
- Unsupervised learning
- Reinforced learning

What does our project work on?

How did we trained our program?

Why is it important to train a program?



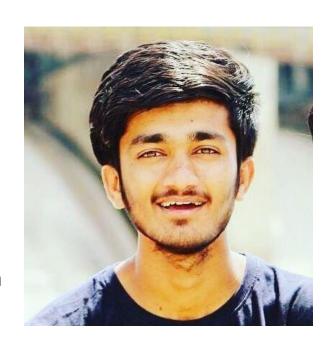
Name- G Ravi kanth

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My Contribution - Image Processing

- → Pytesseract
- → OpenCV
- → Denoiseing
- → Increasing Threshold Value
- → Extracting Text from Denoised Image
- → Git

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My Contribution- NLP

- Integrating the modules
- Creating vectors for all the constraints
- Tokenizing
- Core idea
- Chunking
- Driver Code

NLP



- Why NLP?
- Why is it so difficult to process text?
- What are the applications of NLP?
- Why NLP is important?
- Steps in NLP

NLP

- Tokenization
- Stemming
- Lemmatization
- POS tagger
- Named Entity Recognition
- Chunking

Packages

Keras

Tensorflow

Tokenizer

OOPS concepts

Walkthrough of the working of project

