Title

DATA ANALYTICS USING PYTHON FOR MACHINE LEARNING

What is Data Analytics ?

- **Scrutinizing the Data**
- **What is Data ?**
  - **Collection of Information**

  Information ?
  - **Specific Zone / Area**

int a = 10 ;

Alphabets A-Z | a-z

Numerics 0-9 , 0.0 - 9.9

Symbols !@#$%^&*()

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Scrutinizing the Data ?

- Cross Checking the Data
- Data in form of Tables
- Data in Rows & Cols

Sid	Sname	S1	S2	S3	Total	Result
101	aaa	10	78	89	177	Pass
102	bbb	20	?	89	109	Pass
103	ccc	abc	68	66	134	Pass
104	333	30	86	44		
105	eee		59	03-Mar		

Domain (Area)

Technique

Machine Learning (Accurecy)

Perfect

3

Python **Programming**

Programming

An Interface between Human & a Machine

In the Entire Univers , No human give Accurate Result , the "No Human give Correct Result" , We make work with MACHINE.

Mother of Comps.

Mrs Ada Love Lace

Maths

Manual Manner

$1000+2000=3000$ **Y**

$45465/563456 = ?$ **Y**

Human Easy Fast , Accuracy

$3245.678 /6789.789 = ?$

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Communication

Human

English

Telugu/Tamil

Programming

C
CPP
Java
Python
R

0 and 1
X
0 or 1

Machine

Binary 0/1

Telugu

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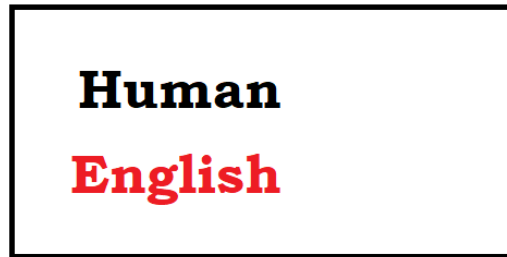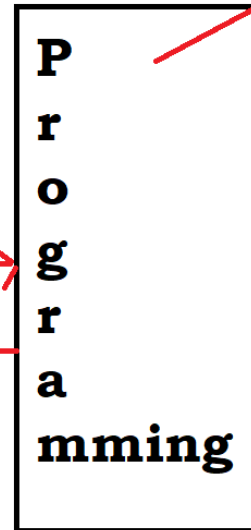
Introduction to Python

Object Oriented Programming Language

Procedure Oriented Programming

Object Oriented Programming

Partial POP or OOP

Step By Step Sequential Order

C Lang

Random Order

Java , Python

CPP

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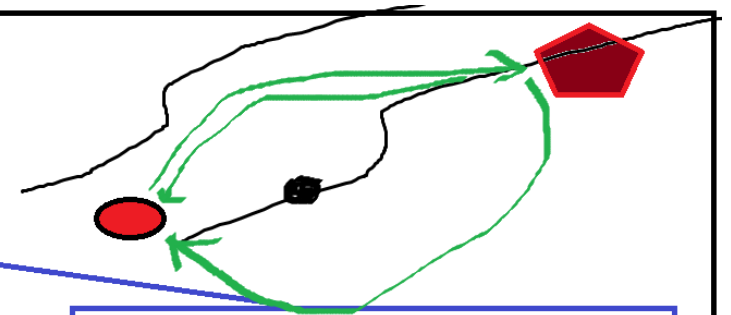
Python Programming

- Father Gudio Van Rassum
- In Year 1991
- Moto - <u>Mathematical Operations</u>
  - <u>Client - Server Relations</u> .
  - <u>Data Bases Maintainablity</u>
  - <u>Cross Checking</u> the Data
  - <u>Scripting</u> the Data

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