Python: It is a widely used high-level Programming language for general-purpose Programming and created by GUIDO VAN ROSSUM and first released in 1991 at NRI Netherland

The features a dynamic type system and automatic memory management and supports multiple programming paradigms, including object-oriented, imperative, functional Programming and procedural styles. It has a large and composehersive standard library.

Two major versions of python are currently used in active are:

Ly PYTHON 3.x is the current version and is under active development.

Ly PYTHON 2-X is the legacy version and will receive only secure updates until

2020. No new features will be implemented.

Educated, Imprientive, Linetistical

'R' LANGUAGE :

4 Data Science
4 Machine dearning
4 Detifical Intelligence
Ly Deep Leaving
4 Statistics

, - These all can be performed in R Language

autematic memeric

paramonery

PYTHON' LANGUAGE:

Ly Data Science

4 Machine dearning

4 Artificial Intelligence

4 Deep reauning

4 Statistics

4 Desktop Applications

4 Web Applications

4 Database Applications

Ly Network Applications

4 Game Development

, - All these are

Performed in

grow before our

PYTHON

tanguage.

MODULE ALL MACHINE DE LLUGOM

Is Mobile Application's can't be executed:

MODULE - 1: PYTHON

Ly Basics

- L'abject oriented programm concepts.

4 Web Application development (suguired part)

> NEWLY ADDED

MODULE-2: STATISTICS

4 Descriptive statistics.

4 Powbability along with Numpy, Pandays.

Bai - Ardalical gene

- Lacted ...

4 Inferent calculation

MODULE-3: EDA (EXPLORATORY DATA ANDLYSIS)

4 Numpy, Pandas

4 Mat Plot

4 Plotly

4 DS project (1 week for completion)

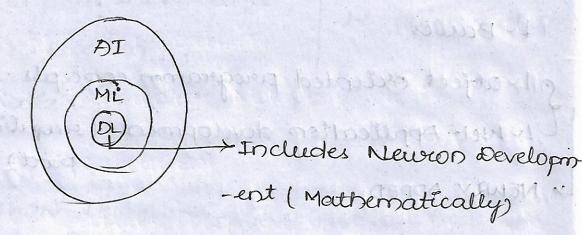
4 Web scrapping (Text data entry & Images)

MODULE - LI: MACHINE LEARNING

MODULE - 5: DEEP LEARING

Ly Includes Natural danguage Boogramming Computer Vision.

MODULE - 1 S PATHON



AGI - Artificial General Intelligence.

ABILITY NATURAL LANG. DECISION PROCESS MAKING + Facial 4 dang. 4 Douve detection translation Ly Ride. 7ASK -> Facial 4 SPAM/HAM. LY PUBG. recognization Ly Read 2 Speak > Gendere

to these excepting to text operation when a function

PROGRAMMING IN PYTHON:

 $*I/P \rightarrow Pount ("Hello")$ $O/P \rightarrow Hello$

* 1/P -> name = Enput ("Enter Your name: ")
Point ("Hello { }, Welcome!" · format (name))

05-05-11-3-3

Ofp - Enter Your Name: PAVANI NADELLA.
Hello PAVANI NADELLA, Welcome!

Ete Vouteille, Dueption, Geogle, Irricepan

Quieta, spottful

Eta Get School Muripil

b Pata bow spallantists

Pranticultical

* Nithereck Epplications &

& Scientific and sumeric computing

Ext. dibrigacy Management supreme

til : Netwoods soffer, Network Prescinctur

extended seeming Ago's like our

Men is ack (Hacking) = vpn needs to be indially