Machine learning

IDS integrated development

Phython - is famous for its inbuilt libra
-ry system

Other than (drive:

→ To open jupiter → Goto prompt →
jupyter notebook -- notebook-dir=d:/

• PY - normal Phython
• iPynb - notebook file phython
        ↓
supported by jupiter notebook, google, VS code

∴ Apart from jupyter all are .py Extension file

Console :- Where we see output is called console
            window

→ jupiter notebook is cell based we are using
jupiter notebook initially because it display an
is the same cell and Easy to learn

→ Purpose of programming lang:- communicating with
the system in its own lang.

3 level of programmi - High - C, C++, Java, Phytho
Mid level - +
Low level - Binary lang 0's 1's

→ Phython lang is an high level lang. Execute
Interpreted - Programming lang
Compiler - Executes 100 lines at a line
Interpreter - Executes line by line

Linux :- Command based programme | Class — Laptop
Object — Dell, Acer, HP.

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- Phython is object oriented programming.
- Phython is indented prog lang. [Every indivi dual line is considered as], Space is used to build relationship.

-) phython :-
is high level, interpreted, object oriented Programming, intended, dynamically is called as phython.

Feautures of python
1) simple - Syntax / Easy to learn
2) libraries (Everything is readymade)
3) open source (freely usable)
4) platform independent (we can use in linux, windows google etc)
5) less memory
6) Executes faster compared to some Programming.

→ Applications of python (where we can apply).
1) Web development
2) Mobile app development
3) Machine learning / deep learning
4) AI
5) cyber security
6) Graphics
7) IOT (Internet of things)
8) Automation
9) Desktop app development

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