

MIP - Machine learning programming

In Google: Anaconda navigator → download → skip registration.
click on distribution installer
IDE - Integrated development Environment
(Inbuilt libraries)

Launch Jupyter notebook → new → py 3.
Screenshot: ipynb (notebook with python)
Console → o/p windows.

Linux → It is command based program. More security.

python:

There are 3 levels in programming language.

- 1) Low level
- 2) assembly level
- 3) High level. (more of english words)

① python is Highlevel language.

② Interpreted (run directly easy debugging)

③ Dynamically typed (no need to declare data types)

④ Object oriented programming language (not 100% oops)

⑤ Indentation (exactly 1 tab space) (every line considered)

ex: Car is "class" and that Brand is "object"

Features of python:

① simple syntax [easy to learn and use]

② vast libraries [everything is ready made]

③ functions are in built [we have to call and use]

④ platform independent. (support to all linux, macos, windows)

⑤ less memory consumption.

⑥ Execute faster compare to some programming lang

ex: c