

# Python Applications Area

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 [javatpoint.com/python-applications](http://javatpoint.com/python-applications)

Python is known for its general purpose nature that makes it applicable in almost each domain of software development. Python as a whole can be used in any sphere of development.

Here, we are specifying applications areas where python can be applied.

## 1) Web Applications

We can use Python to develop web applications. It provides libraries to handle internet protocols such as HTML and XML, JSON, Email processing, request, BeautifulSoup, Feedparser etc. It also provides Frameworks such as Django, Pyramid, Flask etc to design and develop web based applications. Some important developments are: PythonWikiEngines, Pocoo, PythonBlogSoftware etc.

## 2) Desktop GUI Applications

Python provides Tk GUI library to develop user interface in python based application. Some other useful toolkits wxWidgets, Kivy, PyQt that are useable on several platforms. The Kivy is popular for writing multitouch applications.

## 3) Software Development

Python is helpful for software development process. It works as a support language and can be used for build control and management, testing etc.

## 4) Scientific and Numeric

Python is popular and widely used in scientific and numeric computing. Some useful library and package are SciPy, Pandas, IPython etc. SciPy is group of packages of engineering, science and mathematics.

## 5) Business Applications

Python is used to build Business applications like ERP and e-commerce systems. Tryton is a high level application platform.

## 6) Console Based Application

We can use Python to develop console based applications. For example: **IPython**.

## 7) Audio or Video based Applications

Python is awesome to perform multiple tasks and can be used to develop multimedia applications. Some of real applications are: TimPlayer, cplay etc.

## 8) 3D CAD Applications

To create CAD application Fandango is a real application which provides full features of CAD.

## 9) Enterprise Applications

Python can be used to create applications which can be used within an Enterprise or an Organization. Some real time applications are: OpenErp, Tryton, Picalo etc.

## 10) Applications for Images

Using Python several application can be developed for image. Applications developed are: VPython, Gogh, imgSeek etc.