Why should you learn Python in 2022?

By Arsalan Arref

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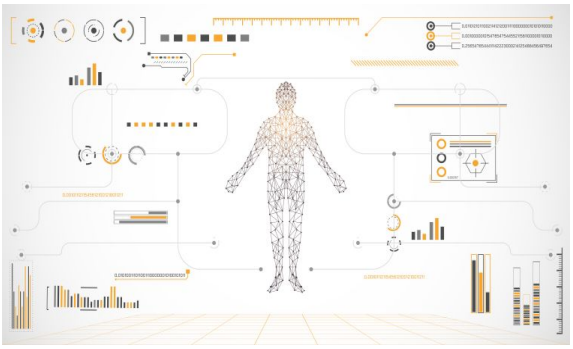
Python is the easiest programming language to learn, it is simple, easy to read, and it features english syntax. Therefore, If you are new to programming, then Python is your goto!

What can you do with Python?

The things you can do with Python are endless! you can create softwares, websites, automation, data visualization, games, and so much more. In this article, I will give examples of 5 real-world applications, used by Python.

1. Healthcare

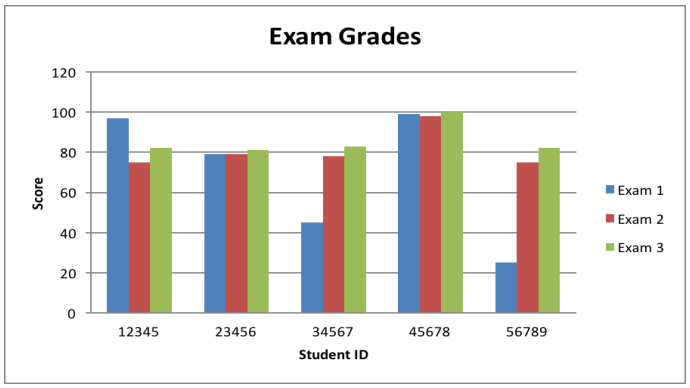
The medical industries are able to make better decisions with accurate predictions by using Python-powered applications, for example, using Python for image diagnostics or detecting and classifying tumors. Check out this link for more information: https://www.datacamp.com/blog/python-in-healthcare-ai-applications-in-hospitals



Examples of Python applications used in Healthcare:
* Parkinson's disease detection
* Heart disease detection
* Diabetes prediction
* Breast cancer detection

2. Data Visualization

Using libraries like Matplotlib, you can create graphs, plots, maps and many more to better summarize and visualize your data.A few examples of using Matplotlib library is that you can make accurate decisions,identify and compare multiple data sets to find results much faster. Examples of data visualization:
https://www.tableau.com/learn/articles/best-beautiful-data-visualization-examples



3. Game Development

You can use PyGame library to create your very own 2D games, for example, Flappy Bird, Snake, Chess, World of Tanks and so much more!.You can find games created and published by the community in the link below: https://www.pygame.org/news

Conclusion

There are many applications that you can create with Python, from scraping live data, to creating automation's, so much more.Take a look at my GitHub repositories for some ideas on what you can create: https://github.com/Azzy001