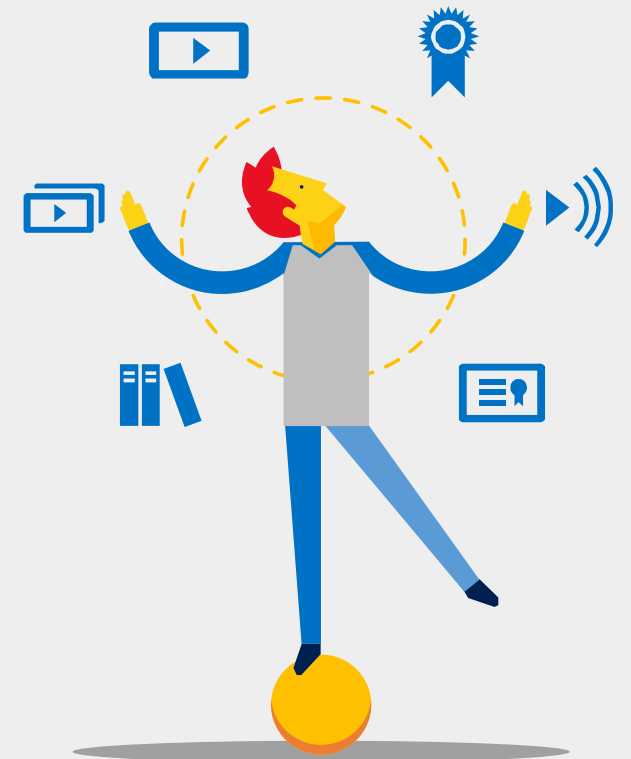


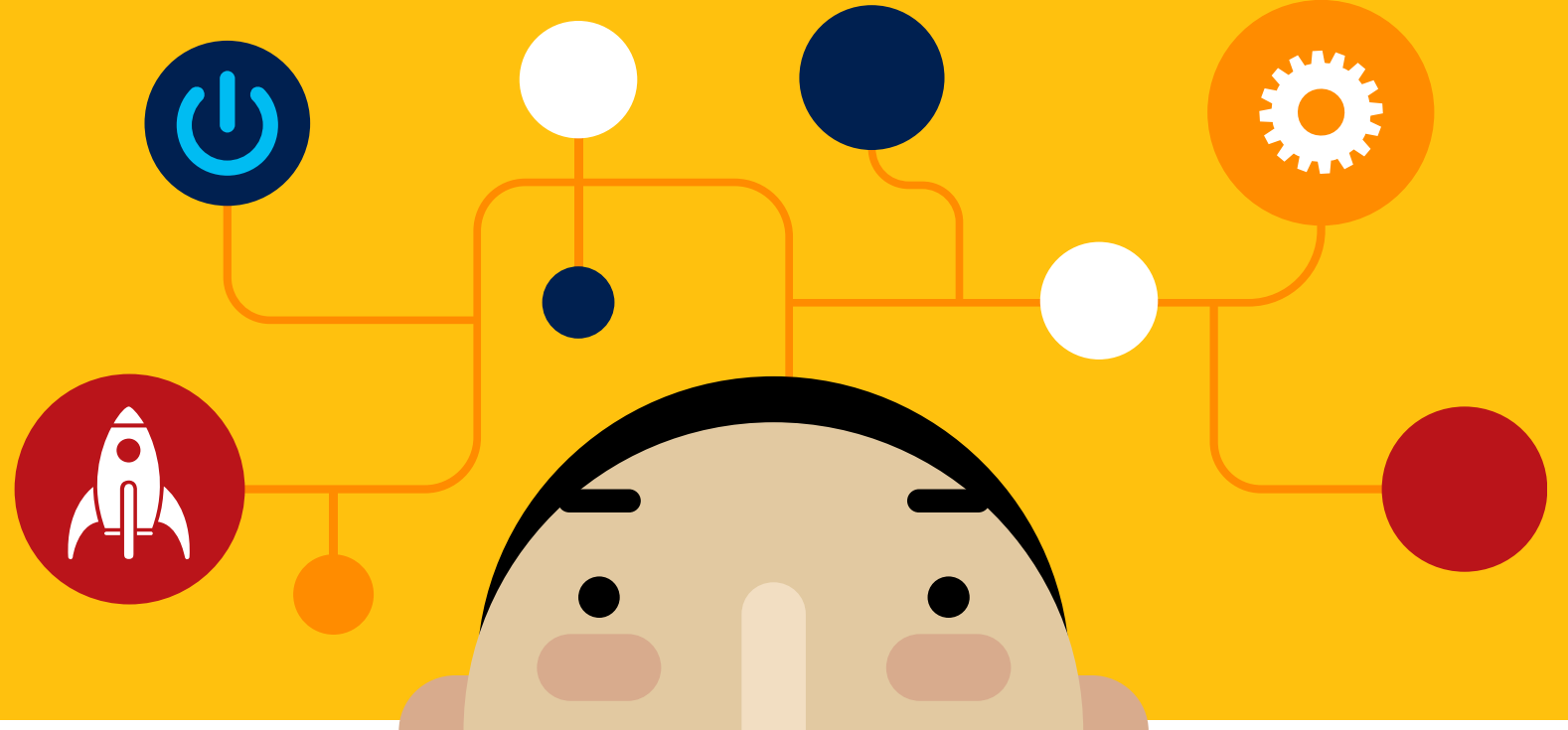
Getting started



What is Python?

Python is an interpreted, high-level, general-purpose programming language. Created by Guido van Rossum and first released in 1991, Python's design philosophy emphasizes code readability with its notable use of significant whitespace. Its language constructs and object-oriented approach aims to help programmers write clear, logical code for small and large-scale projects.

[https://en.wikipedia.org/wiki/Python \(programming language\)](https://en.wikipedia.org/wiki/Python_(programming_language))



What is Python?



Flexible programming language



Designed to be human readable

Why use Python?



Great starter language



Great advanced language



Wonderful community

What can I build with Python?



Machine learning models



Artificial intelligence projects



Web applications



Automation utilities



Anything, really

What do I need to get started?

Somewhere for Python to run

Interpreter

Installation

<https://www.python.org/downloads/>

More info

<https://www.python.org/doc/>

Something for writing Python

Editor

Installation

<https://code.visualstudio.com/>

Extension

<https://marketplace.visualstudio.com/items?itemName=ms-python.python>

More info

<https://code.visualstudio.com/docs/languages/python>

Installation notes

Installing Python and VS Code can be done like any normal application

Windows installer

Package manager

- apt-get

- Chocolatey

- RPM

Important notes

Adding Python to PATH



© 2016 Microsoft Corporation. All rights reserved. The text in this document is available under the Creative Commons Attribution 3.0 License, additional terms may apply. All other content contained in this document (including, without limitation, trademarks, logos, images, etc.) are not included within the Creative Commons license grant. This document does not provide you with any legal rights to any intellectual property in any Microsoft product. You may copy and use this document for your internal, reference purposes.

This document is provided "as-is." Information and views expressed in this document, including URL and other Internet Web site references, may change without notice. You bear the risk of using it. Some examples are for illustration only and are fictitious. No real association is intended or inferred. Microsoft makes no warranties, express or implied, with respect to the information provided here.