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**Data Science Masters**

**Pwskills 29 JanuaryAssignment**

1. Python was developed by Guido van Rossum in 1991.
2. Python supports both object-oriented programming (OOP) and procedural programming.
3. Yes.
4. “py”.
5. Interpreted.
6. Variables: var\_name = value, function: def function name parameters,codw block, classes: class classes name=code block, loops in terms of sequence, conditional statement =in condition.
7. The pound sign #
8. The sys.version function can be used to find the version of Python that you are currently working on.
9. Lambda
10. Pip stands for "Pip Installs Packages" and is a package management system used to install and manage software packages written in Python.
11. Print(),len(),range(),type(),max(),sum()abs(),min()sorted()
12. In Python, the maximum possible length of an identifier is unlimited.
13. Easy to learn and use: Python has a very simple and elegant syntax. Reading and writing Python code is much easier than other programming languages. This makes it a great first programming language to learn. Powerful libraries: Python comes with a large standard library that supports many common programming tasks such as connecting to web servers, searching text with regular expressions, and reading and modifying files
14. Python memory is managed by a private heap space
15. Download the latest version of Python from the official Python website: <https://www.python.org/downloads/>
16. Yes.