**Sunkari Manohar**

**Assessment 8 – 12/12/2023**

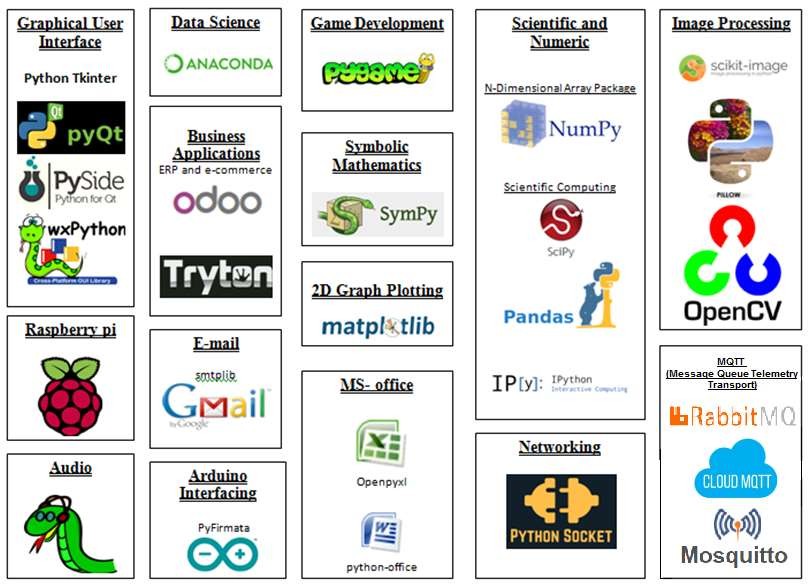
**PYTHON:**

* Python was developed by Guido van Rossum in 1991.
* It is a free and open source programming language.
* Python is a High Level Language (whereas C and Java are not High Level Language).
* It is an interpreted and object oriented language.
* The syntax allows programmer to express concepts in fewer lines of code than might be used in languages such as C++, Java etc…
* Python file should be saved with .py extension.

**Features of Python:**

* Easy to learn, easy to read and easy to maintain.
* Portable: It can run on various hardware platforms and has the same interface on all platforms.
* Extendable: You can add low-level modules to the Python interpreter.
* Scalable: Python provides a good structure and support for large programs.
* Python has support for an interactive mode of testing and debugging.
* Python provides very high-level dynamicdata types and supports dynamic type checking.
* Python supports GUIapplications
* Python supports automatic garbage collection.
* Python can be easily integratedwith C, C++, and Java.

**Python has vast development implementation:**

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