



PBQ - 02

Data Type

Syntax

String " " or ' '

Integer 2

Float 2.0

Boolean True/False

Data Structure

Syntax

List []

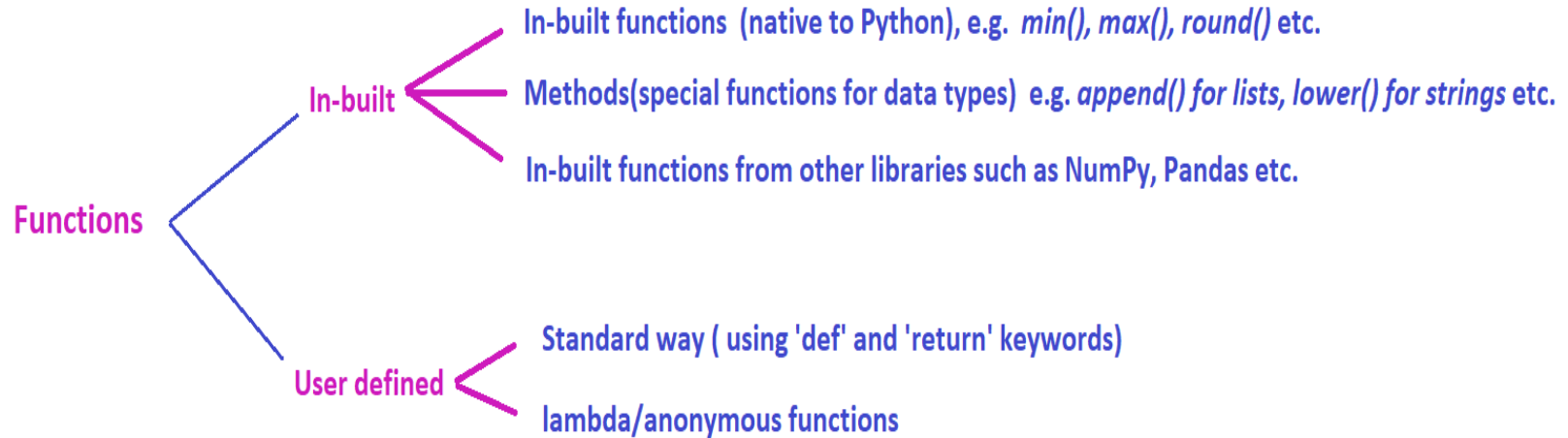
Tuple ()

Dictionary { Key1:Value1, Key2:Value2, }

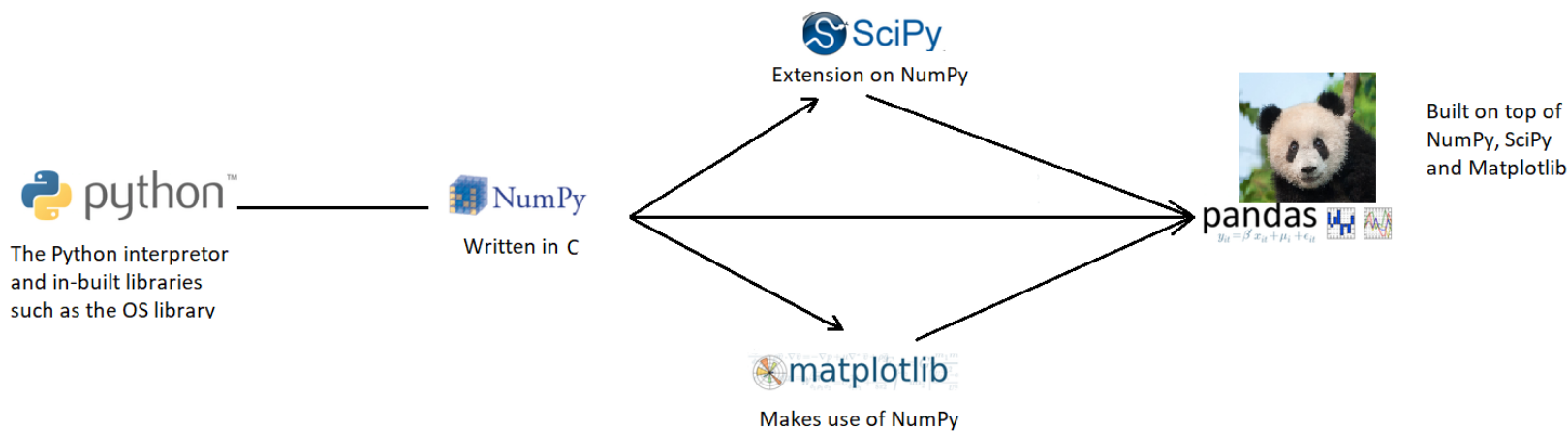
Sets { }

Branching, loops and control structures in Python for iterative tasks

- **If-else-elif branching**
- **for-loop**
- **One-line if statements:** *A shorter alternative to if-elif-else*
- **List Comprehensions:** *Dynamically creating lists from other sources*
- **while loop**
- **'break' and 'continue' in loops:** *Keywords to control the flow inside the loop*



Python libraries



Data structures from the pandas library

Series: 1D data structure from pandas

Index

Date	
2012-06-18	1017.117981
2012-06-19	1016.326172
2012-06-20	1002.771423
2012-06-21	1014.369812
2012-06-22	1026.713501

DataFrame: 2D data structure from pandas

Index/rows

Date	Columns		
	MARUTI.NS	EICHERMOT.NS	BAJAJ-AUTO.NS
2012-06-18	1017.117981	1883.878418	1232.155884
2012-06-19	1016.326172		1226.524170
2012-06-20	1002.771423	Values	1226.364380
2012-06-21	1014.369812		1227.203125
2012-06-22	1026.713501	1894.007568	1234.512573