

What are DATA TYPES



Data Types

Data Type defines the type and behaviour of the data, it tells to the compiler about the type of data which is going to be stored and the compiler reserves the fixed number of bytes for that particular variable/constant.

Common Data Types

Integer : A data type representing whole numbers.

Floating : A data type representing numbers with the fractional parts.

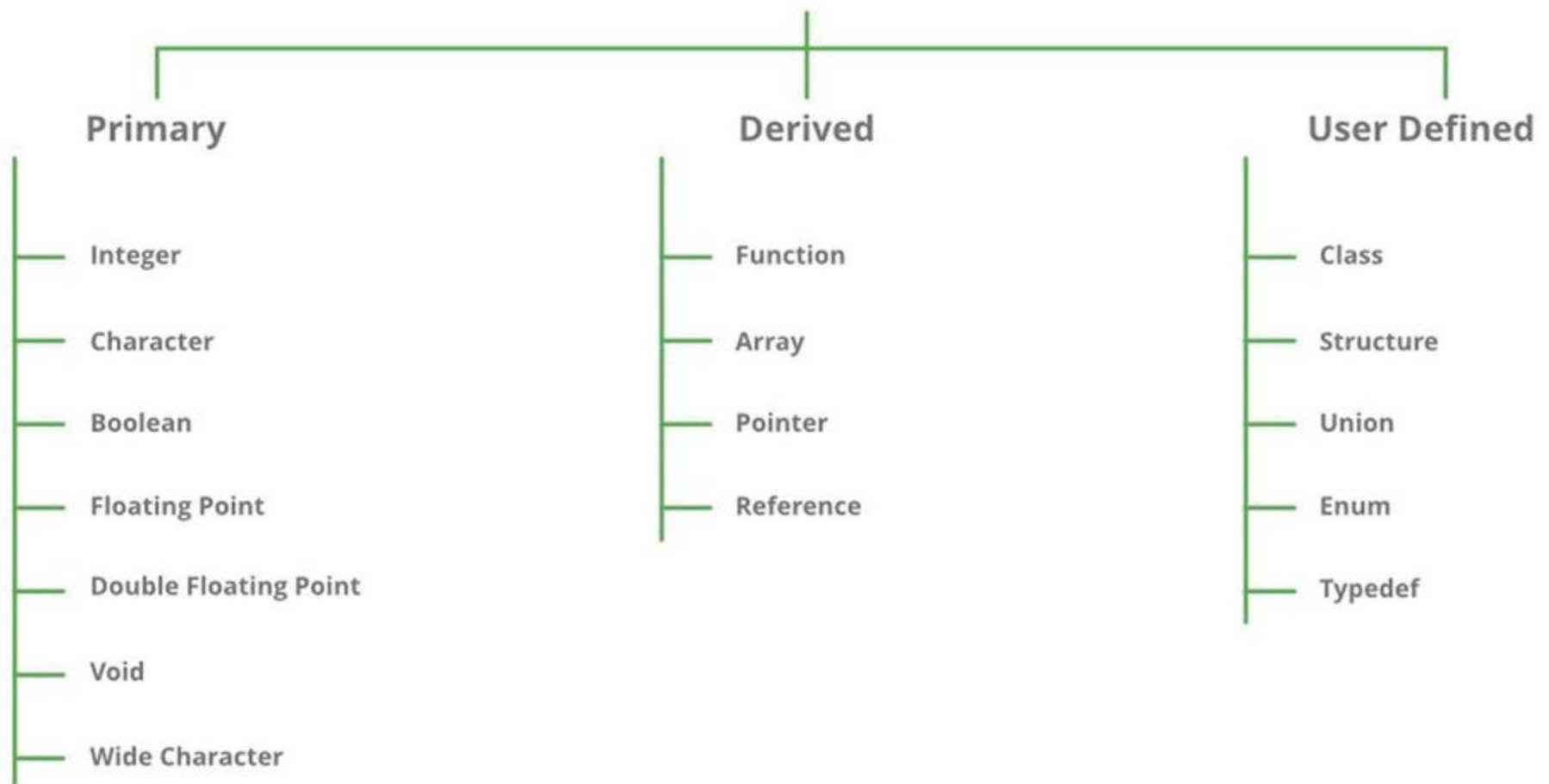
String : A data type representing a sequence of characters.

Boolean : A data type representing logical true and false.

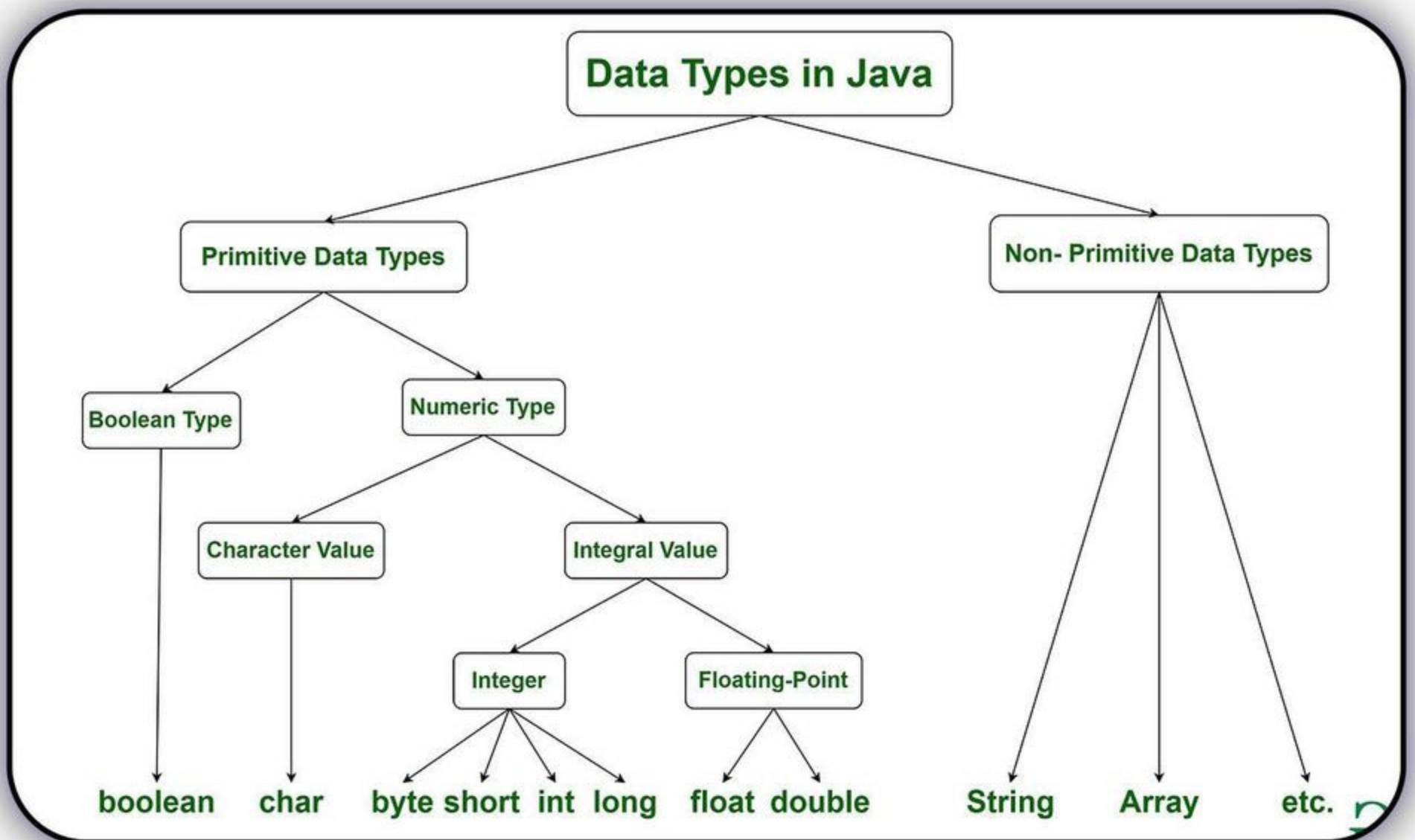
- char** : The char data type is used to store a single character.
- Array** : An Array is a special variable, which can hold more than one value.
- Function** : A function is a block of code which only runs when it is called.
- Pointer** : The pointer is a variable which stores the address of another variable.
- Union** : It is a collection of variables of different datatypes in the same memory location.
- Class** : A class is a user-defined data type that we can use in our program, and it works as an object constructor, or a "blueprint" for creating objects.

C / C++ Data Types

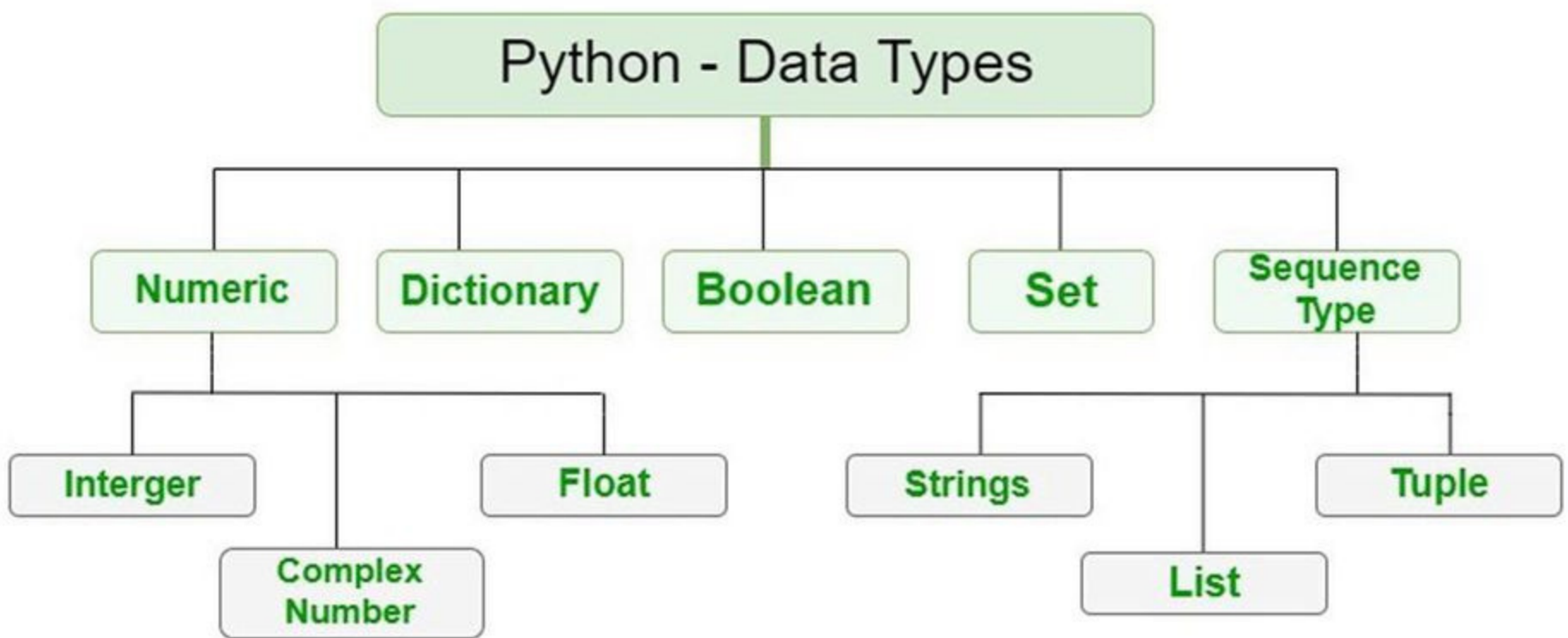
DataTypes in C / C++



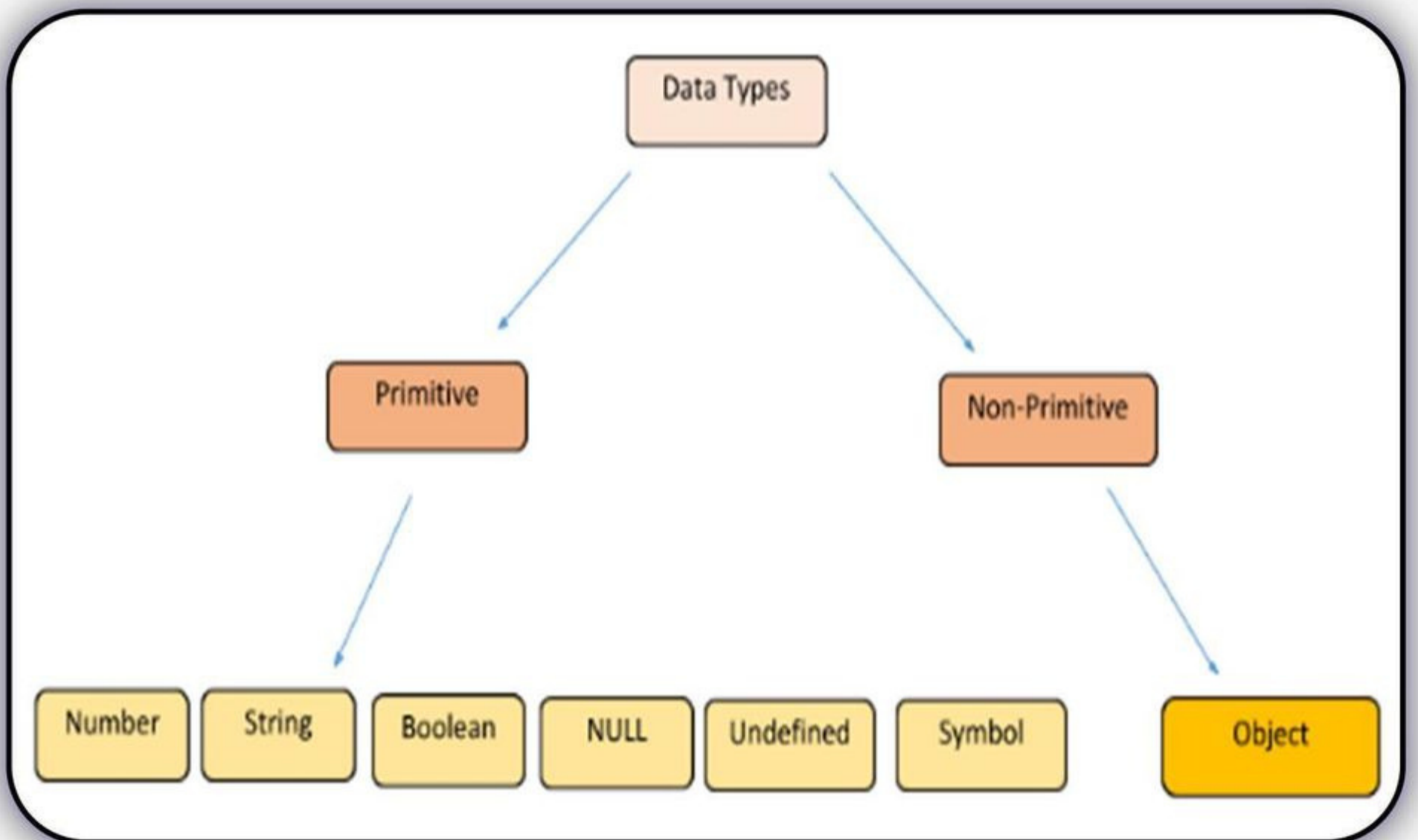
Java Data Types



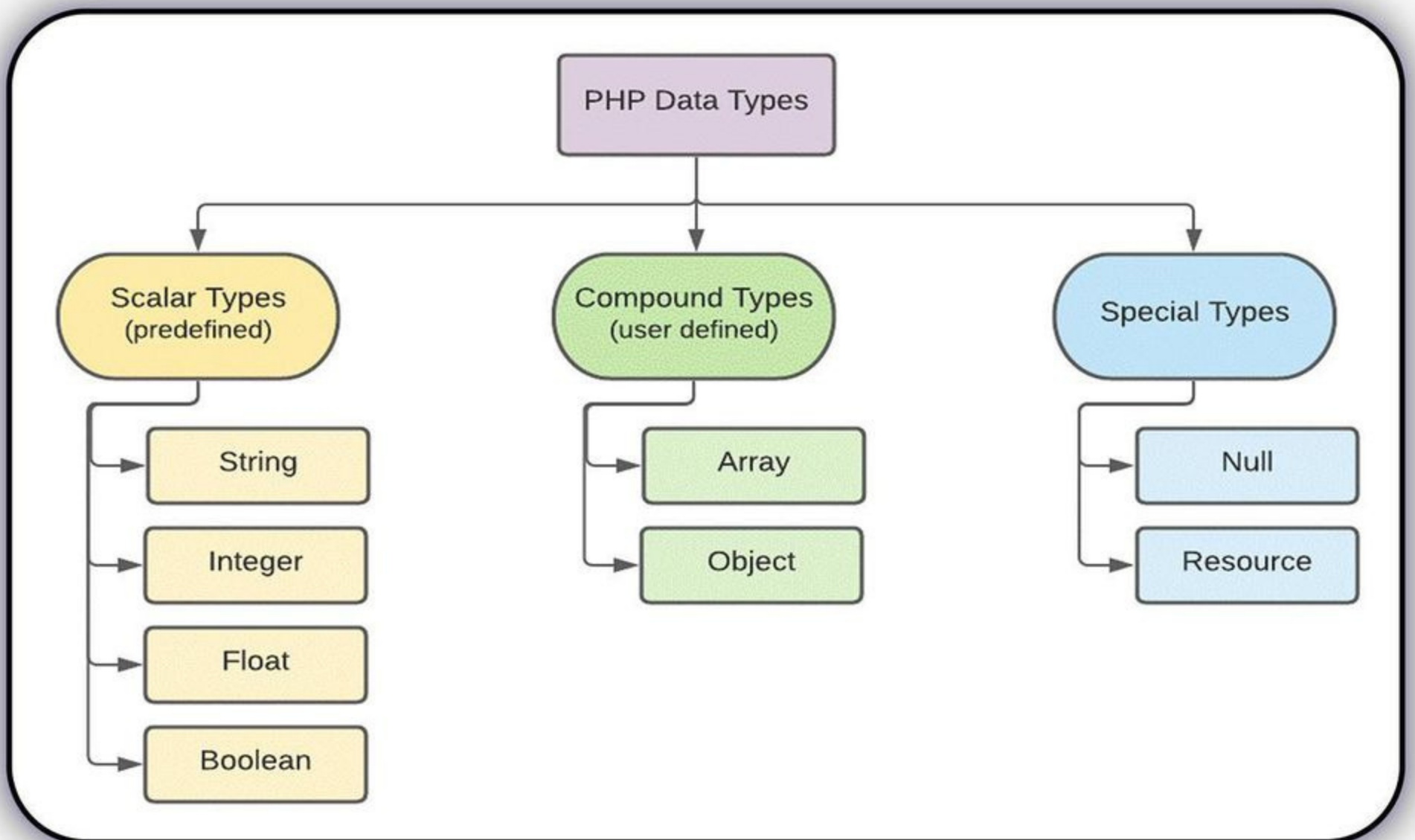
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