Primitive Data Types

```
                              Data Types

          Primitive              Userdefine              Derived

    integral   bool   floating point      enum            Array
                                          Structure       Pointer
  int    Char    Float    double          Union           Reference
                                          Class
```
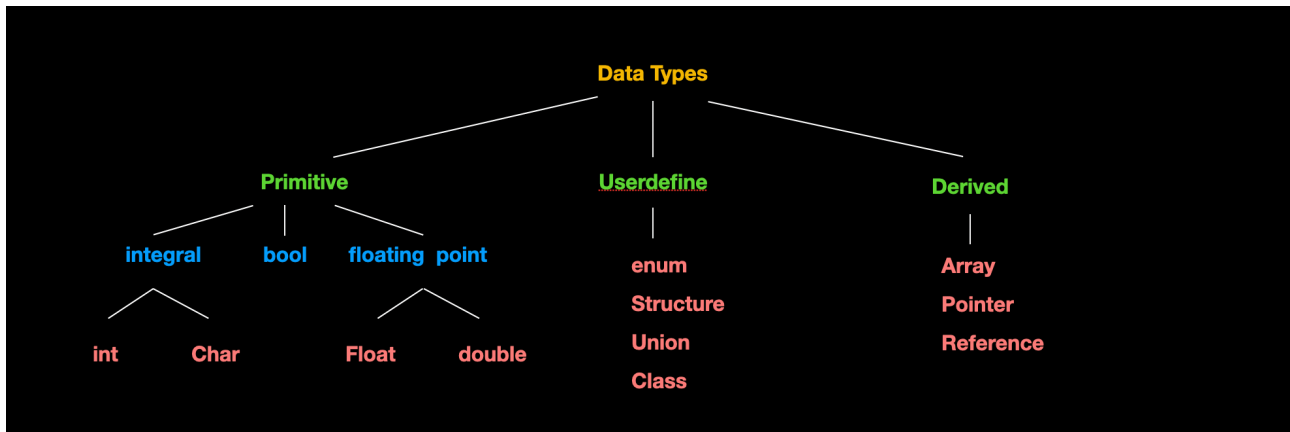
- Data Types are called primitives data types these are directly provide by the compiler

- Primitives Data type are the basic Data Type of c++

- They are of 3 types *integral , bool , floating point*

- **Integral**

- There is no decimal point

- **bool**

- Gives True / False as result

- **Floating Point**

- Numbers with decimal point

Sizes

Data Type	Size	Range
int	2 or 4	-32762 - 32762
float	4	-3.4×10^{-38} - 3.4×10^{38}
double	8	-1.7×10^{-308} - 1.7×10^{308}
char	1	-128 - 127
bool	undefine	True / False