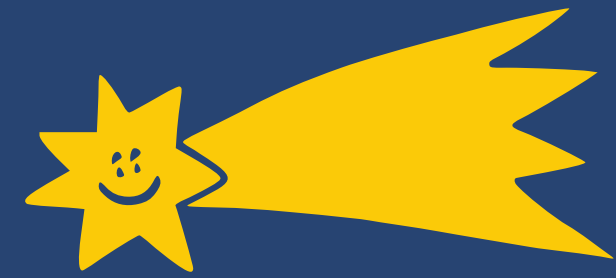


Task 1

Data Science Track (Python)

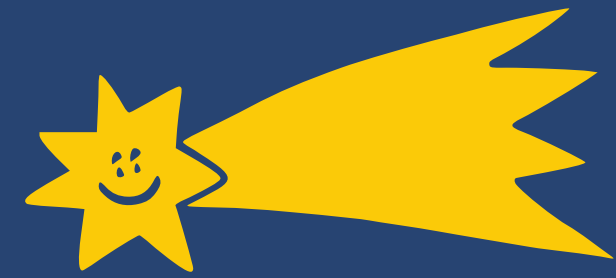
Whitespace



Data Types in Python

*You'll learn about several basic
numeric, string, and Boolean
types that are built into Python.*





Numeric

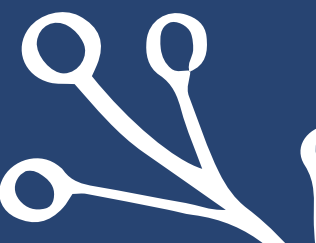
numeric type data is data that consist of number without quotation marks. this type of data can be divided to 3 kinds : integer, float, and complex





Integer

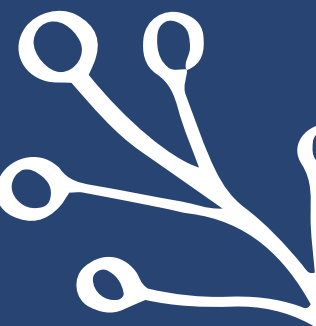
integer is one kinds of numerical data. integer consist of round number (no decimal) . its value can be positif or negatif. general programing language gives integer range data -2,147,483,647 to 2,147,483,647





Float

The float type in Python designates a floating-point number. float values are specified with a decimal point.





Complex

Complex number data type is numeric data type that consist of 2 part real component and imainer component. Complex data type are written in the formulation $x + yj$ with x is real component and yj is imaginer component.



String

string is one kind of data type. this kind of data consist of a bunch of character. string data type not only consist of word but also number. python will read data as string as long as characters begin and end with (" or ')



Boolean



Boolean data type is a data type that has one of two possible values (usually denoted true and false) which is intended to represent the two truth values of logic and Boolean algebra





use case and example

type data



Use Case: Data type.

Follow along
and have fun!



integer usually use for data that dont have decimal like age , ID Number and ect



float usually use for data that need precisely like scientific and research purpose



Complex usually use for theoretically purpose in scientific purpose and for electricity. complex number consist of real component and imaginer component.



String usualy use for statement that cant be operated with operator such as (+,-,*,/). so the dta remain intact or same



Bollean usually use for logical function



data type example



Integer=[30,21,45,89,2,12,ect]

Float=[3.001,4.8,22.9,42.8972,23.0,ect]

Complex=[(1+2j),(34+98j),(9+675j),ect]

String=[("12"),("siapa"),("NP678"),ect]

Boolean=[True,False]

Thank you for coming!



Join us for another porto next
weekend!

