





# Python Datatypes

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# Today's Agenda

- Basic Data Types In Python
- Numeric Types
- Different Types Of Integers
- The **float** Type
- The **complex** Type
- The **bool** Type
- The **str** Type

# Basic Data Types In Python

- Although a **programmer is not allowed to mention the data type** while creating variables in his program in **Python** , but **Python** internally allots different **data types to variables** depending on their declaration style and values.
- Overall **Python** has **14 data types** and these are classified into **6 categories**.

# Basic Data Types In Python

- These categories are:
  - Numeric Types
  - Boolean Type
  - Sequence Types
  - Set Types
  - Mapping Type
  - None Type
- Given on the next slide are the names of actual data types belonging to the above mentioned categories

# Basic Data Types In Python



Numeric Type	Boolean Type	Sequence Type	Set Type	Mapping Type	None Type
<u>int</u>	<u>bool</u>	<u>str</u>	<u>set</u>	<u>dict</u>	<u>NoneType</u>
<u>float</u>		<u>list</u>	<u>frozenset</u>		
<u>complex</u>		<u>bytes</u>			
		<u>bytearray</u>			
		<u>tuple</u>			
		<u>range</u>			