

Task-29<sup>th</sup>-july-2025

M.V.S.N.Sai Ganesh

### Python Data Types and Conversions

From \ To	int	float	complex	str	list	tuple	set	dict	bool
int	✓	✓	✓	✓	✗	✗	✗	✗	✓
float	✓	✓	✓	✓	✗	✗	✗	✗	✓
complex	✗	✗	✓	✓	✗	✗	✗	✗	✓
str	✓ (if numeric)	✓ (if numeric)	✓ (if numeric)	✓	✓ (iterable chars)	✓ (iterable chars)	✓ (if iterable)	✗	✓ (if non-empty)
list	✗	✗	✗	✓	✓	✓	✓	✗	✓ (if non-empty)
tuple	✗	✗	✗	✓	✓	✓	✓	✗	✓ (if non-empty)
set	✗	✗	✗	✓	✓	✓	✓	✗	✓ (if non-empty)
dict	✗	✗	✗	✓	✗	✗	✗	✓	✓ (if non-empty)
bool	✓	✓	✓	✓	✗	✗	✗	✗	✓