**TRUTH TABLE FOR DATA TYPE CONVERSION FROM ONE DATATYPE TO EACH OTHER**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **From /To** | **int** | **float** | **str** | **bool** | **list** | **tuple** | **set** | **dict** | **range** |
| **int** | True | True | True | True | False | False | False | False | True |
| **float** | True | True | True | True | False | False | True | False | False |
| **str** | True | True | True | True | True | True | True | False | False |
| **Bool** | True | True | True | True | False | False | False | False | False |
| **List** | False | False | False | True | True | True | True | False | False |
| **tuple** | False | False | False | True | True | True | True | False | False |
| **set** | False | False | False | True | True | True | True | False | False |
| **dict** | False | False | False | True | True | True | True | True | False |
| **range** | False | False | False | True | True | True | True | False | True |