



TRANSNET



 HyperionDev

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3 October 2024: Lists and Dictionaries | String Handling



# Data Structures - Lists and Dictionaries | String Handling

## Lists:

- Ordered, mutable sequences of elements that are indexed by integers.
- Common methods include `append()` and `len()`
- 2D lists are lists within lists, used to represent matrices or grids.

## Dictionaries:

- Unordered, mutable collections of key-value pairs where keys are unique and values can be of any type.
- Access values by using keys: `dict[key]`

## String Handling:

- Strings are sequences of characters e.g., "Hi, how are you?"
- Common string methods include `upper()`, `lower()`, `split()`, and `strip()`.



# Thank you

