Introduction to Data Structures in Python
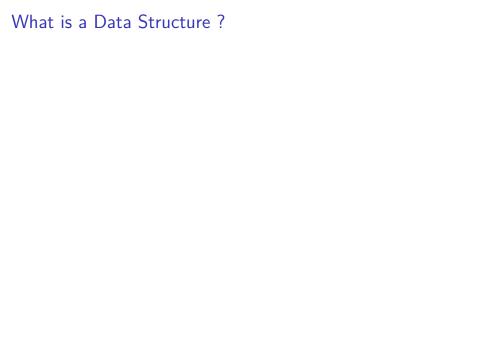
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What is a Data Structure ?

What is a Data Structure ?

A Collection or Group of Data

Classification

Classification

1. Mutable

Classification

1. Mutable
2. Immutable

Mutable Types

Mutable Types

- Lists []

Mutable Types

- Lists []
- Dictionaries {a:b,c:d,. . . ,anything:anything}

Mutable Types

- Lists []
- Dictionaries {a:b,c:d,. . . ,anything:anything}
- Sets {}

Immutable Types

Immutable Types

- Tuples ()

Immutable Types

- Tuples ()
- Strings ' ' , " " , ''' ''' , """ """

Thank You!