

The background is a vibrant blue abstract image. It features a bright, glowing light source on the right side, which creates a lens flare effect with radiating lines. The overall composition is dominated by curved, concentric lines and a sense of depth, reminiscent of a stylized globe or a digital data field.

# DATA TYPES AND COLLECTIONS



# Collections an illustration to data types

# OVERVIEW

- The importance of various types of Collection in any programming language.
- The data type safety in collections
- Common features and functionality
- New collections functionality in Java 8 and beyond
- Difference between Collections and Arrays.
- Map, Reduce and Sorting of Collections.



# SUMMARY

- What did we learn?
- Deep understanding of Map Collections

Importance of a Key

Collision of Keys

Keys are Unique.

Sorting-Deleting

