JavaScript Array & Collection Types Cheat Sheet

Array

Indexed list of values.

- Key: Number

- Ordered: Yes

- Duplicates: Allowed

Map

Key-value pairs where keys can be any type.

- Key: Any

- Ordered: Yes

- Duplicates: Allowed

Set

Collection of unique values.

- Key: Value only

- Ordered: Yes

- Duplicates: Not allowed

WeakMap

Map with object-only keys and no iteration support.

- Key: Object only

- Ordered: No

- Duplicates: Allowed

WeakSet

Set for objects only with no iteration support.

- Key: Object only

- Ordered: No

- Duplicates: Not allowed

Typed Arrays

Efficient, fixed-type binary arrays like Uint8Array, Float32Array.

- Key: Number

- Ordered: Yes

- Duplicates: Allowed