

# JSON and Data Manipulation

## Convert JSON Text to JavaScript Object

```
{"name": "Alice", "age": 25, "country": "USA"}
```

Convert to Object

```
{
  "name": "Alice",
  "age": 25,
  "country": "USA"
}
```

## Convert JSON Date Text to JavaScript Date Object

```
{"date": "2025-11-06"}
```

Convert to Date

```
Date Object: Thu Nov 06 2025 05:30:00 GMT+0530 (India Standard Time)
```

## Convert JSON to CSV and CSV to JSON

```
[{"name": "Alice", "age": 25, "country": "USA"}]
```

JSON to CSV

```
name,age,country
Alice,25,USA
```

```
name,age,country
Alice,25,USA
```

CSV to JSON

```
[
  {
    "name": "Alice",
    "age": "25",
    "country": "USA"
  }
]
```

## Create Hash from String

```
Hi Hello
```

Generate Hash

```
Hash: 5e74e52fa7c7e64f485da8220c8a9b735e57c4860cd7ee6d5cf6f5071d8293fa
```