

# JSON and Data Manipulation

## Convert JSON Text to JavaScript Object

```
{ "Name": "Ganesh", "Age": 20, "Place": "Udupi" }
```

Convert to Object

```
{
  "Name": "Ganesh",
  "Age": 20,
  "Place": "Udupi"
}
```

## 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": "Ganesh", "Age": 20, "Place": "Udupi" } ]
```

JSON to CSV

```
Name, Age, Place
Ganesh, 20, Udupi
```

```
Name: Ganesh
Age: 20
Place: Udupi
```

CSV to JSON

```
[
  {
    "Name:Ganesh": "Age:20"
  },
  {
    "Name:Ganesh": "Place:Udupi"
  }
]
```

# Create Hash from String

hi hello

Generate Hash

Hash: 8b28af5b3c1c3e1d5f54ce1e513348ab1f9b516f4ed8bed604fc3005784dcf2d