

# JSON and Data Manipulation

## Convert JSON Text to JavaScript Object

```
{ "name": "Preethi", "age": 25, "city": "Udupi" }
```

Convert to Object

```
{
  "name": "Preethi",
  "age": 25,
  "city": "Udupi"
}
```

## Convert JSON Date Text to JavaScript Date Object

```
{ "date": "2023-10-01" }
```

Convert to Date

Date Object: Sun Oct 01 2023 05:30:00 GMT+0530 (India Standard Time)

## Convert JSON to CSV and CSV to JSON

```
[
  { "name": "Anita", "age": 24, "city": "Bangalore" }
]
```

JSON to CSV

```
name,age,city
Ravi,28,Mangalore
Anita,24,Bangalore
```

```
Ravi,28,Mangalore
Anita,24,Bangalore
```

CSV to JSON

```
[
  {
    "name": "Ravi",
    "age": "28",
    "city": "Mangalore"
  },
  {
    "name": "Anita",
    "age": "24",
    "city": "Bangalore"
  },
  {
    "name": ""
  }
]
```

## Create Hash from String

Hi Hello

Generate Hash

Hash: 5d1e392755244f9b38c8d45d2a61ca332bc8c0515973815236460daf6d91995d