

# JSON and Data Manipulation

## Convert JSON Text to JavaScript Object

```
{"name": "veda", "age": "20"}
```

Convert to Object

```
{  
  "name": "veda",  
  "age": "20"  
}
```

## 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": "veda", "age": 20},  
{"name": "vaish", "age": 20}]
```

JSON to CSV

```
name,age  
veda,20,vaish,20
```

```
name,age  
veda,20  
vaish,20
```

CSV to JSON

```
[
```

```
{
  "name": "veda",
  "age": "20"
},
{
  "name": "vaish",
  "age": "20"
}
]
```

## Create Hash from String

hello world

Generate Hash

Hash: b9 4d 27 b9 93 4d 3e 08 a5 2e 52 d7 da 7d ab fa c4 84 ef e3 7a 53 80 ee 90 88 f7 ac e2 ef cd e9

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