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# JSON and Data Manipulation

## Convert JSON Text to JavaScript Object

```
{"name": "vinesh", "age": 20, "city": "udupi"}
```

Convert to Object

```
{
  "name": "vinesh",
  "age": 20,
  "city": "udupi"
}
```

## Convert JSON Date Text to JavaScript Date Object

```
{"date": "2025-11-7"}
```

Convert to Date

Date Object: Fri Nov 07 2025 00:00:00 GMT+0530 (India Standard Time)

## Convert JSON to CSV and CSV to JSON

```
[{"name": "vinesh", "age": 20, "city": "udupi"}]
```

JSON to CSV

```
name,age,city
vinesh,20,udupi
```

```
name,age,city  
vinesh,20,udupi
```

CSV to JSON

```
[  
  {  
    "name": "vinesh",  
    "age": "20",  
    "city": "udupi"  
  }  
]
```

## Create Hash from String

```
hello world
```

Generate Hash

```
Hash: b94d27b9934d3e08a52e52d7da7dabfac484efe37a5380ee9088f7ace2efcde9
```