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# JSON and Data Manipulation

## Convert JSON Text to JavaScript Object

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

Convert to Object

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

## Convert JSON Date Text to JavaScript Date Object

```
{"date": "2005-09-11"}
```

Convert to Date

Date Object: Sun Sep 11 2005 05:30:00 GMT+0530 (India Standard Time)

## Convert JSON to CSV and CSV to JSON

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

JSON to CSV

```
name,age,city  
yash,20,udupi
```

```
name,age,city  
yash,20,udupi
```

CSV to JSON

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

## Create Hash from String

hello world

Generate Hash

Hash: b94d27b9934d3e08a52e52d7da7dabfac484efe37a5380ee9088f7ace2efcde9