# Sohan S Salian-4MW23CS162

# JSON and Data Manipulation

### Convert JSON Text to JavaScript Object

```
{"name": "sohan", "age": 20, "city": "Udupi"}
```

[ Convert to Object ]

```
{
  "name": "sohan",
  "age": 20,
  "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": "b", "age": 24, "city": "Bangalore"}
]
```

[ JSON to CSV ]

```
name,age,city
sohan,25,udupi
a,28,Mangalore
b,24,Bangalore
```

```
sohan,25,udupi
a,28,Mangalore
b,24,Bangalore
```

[ CSV to JSON ]

```
[
  {
    "name": "sohan",
    "age": "25",
    "city": "udupi"
  },
  {
    "name": "a",
    "age": "28",
    "city": "Mangalore"
  },
  {
    "name": "b",
    "age": "24",
    "city": "Bangalore"
  }
]
```

### Create Hash from String

```
HI Hello
```

[ Generate Hash ]

Hash: 4e050ca82de7b0a2f563f337ceac8620c39be57f8820b3b779713dc2382a642f

```
{"name": "sohan", "age": 20, "city": "Udupi"}
```

```
{
  "name": "sohan",
  "age": 20,
  "city": "Udupi"
}
```