

# Swasthi S Nayak 4MW23CS170

## JSON and Data manipulation

### Convert JSON text to Javascript object

```
{"NAME ":"Swasthi ","age ": 19,"place ":"Udupi "}
```

Convert to object

```
{
  "NAME": "Swasthi",
  "age": 19,
  "place": "Udupi"
}
```

### Convert JSON date to Javascript date object

```
{"date":"2025-11-06"}
```

Convert to object

```
Date object:Thu Nov 06 2025 05:30:00 GMT+0530 (India Standard Time)
```

### Convert JSON to CSV to JSON

```
[{"NAME ":"Swasthi ","age ": 19,"place ":"Udupi "},
 {"NAME ":"yumi ","age ": 20,"place ":"Manipal "},
 {"NAME ":"shami ","age ": 21,"place ":"Udupi "}]
```

Json to CSV

```
NAME ,age ,place
Swasthi ,19,Udupi
yumi ,20,Manipal
shami ,21,Udupi
```

```
Swasthi ,19,Udupi
yumi ,20,Manipal
shami ,21,Udupi
```

CSV to JSON

```
[
  {
    "NAME": "Swasthi",
    "age": 19,
    "place": "Udupi"
  },
  {
    "NAME": "yumi",
    "age": 20,
    "place": "Manipal"
  },
  {
    "NAME": "shami",
    "age": 21,
    "place": "Udupi"
  }
]
```

### Create Hash from String

```
Hi Hello
```

generate Hash

```
Hash:5e74e52fa7c7e64f485da8220c8a9b735e57c4860cd7ee6d5cf6f5071d8293fa
```