

## Shivaraj SK - 4MW23CS146

### JSON and Data Manipulation

#### Convert JSON Text to JavaScript Object

```
{"name": "Shivarajsk", "age": 20, "city": "shivamogga"}
```

Convert to Object

```
{  
  "name": "Shivarajsk",  
  "age": 20,  
  "city": "shivamogga"  
}
```

#### Convert JSON Date Text to JavaScript Date Object

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

Convert to Date

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

#### Convert JSON to CSV and CSV to JSON

```
[{"name": "Shivarajsk", "age": 20, "city": "shivamogga"}]
```

JSON to CSV

```
name,age,city  
Shivarajsk,20,shivamogga
```

```
name,age,city  
Shivarajsk,20,shivamogga
```

CSV to JSON

```
[  
  {  
    "name": "Shivarajsk",  
    "age": "20",  
    "city": "shivamogga"  
  }  
]
```

#### Create Hash from String

Shivaraj sk

Generate Hash

Hash: 821c7c6e6747ac7bd343134210ec179e01470b33d4519a549677197782cd2162