

## SUMMARY REPORT

### A2: DATA VISUALIZATION & FORMS

#### Introduction

This part of assignment contains data visualization related to the dataset in the field of Women empowerment and its various measures and a html form creation, capable of retrieving details of victims and their complaints in case of any violence against women.

#### Data Visualization

Three data set visualization charts have been created using Google charts' three chart types-

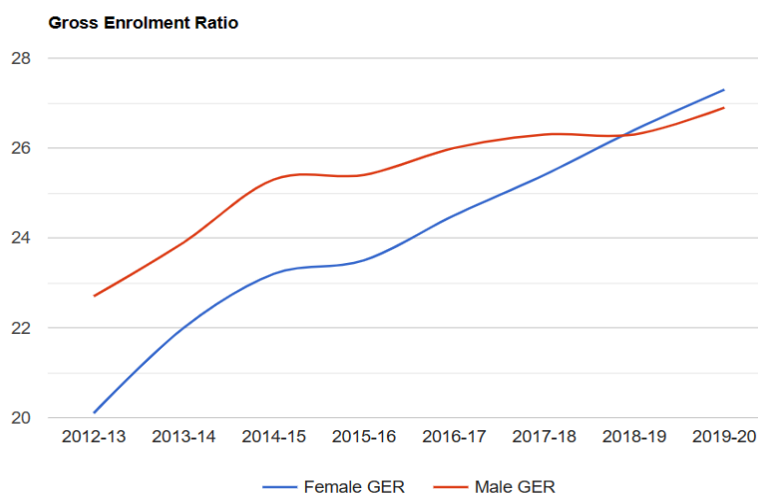
1. Curve line chart
2. Bar chart
3. Geo chart

JavaScript was used to load the google chart from the source

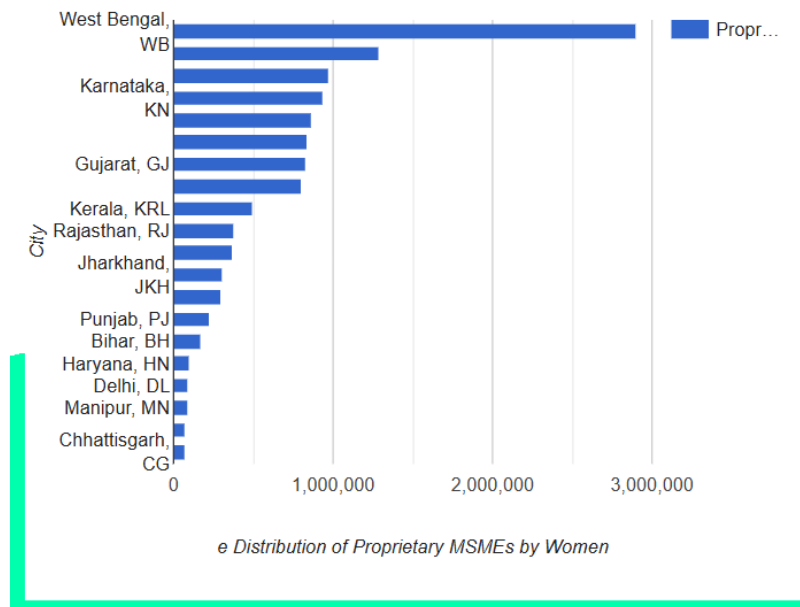
<https://www.gstatic.com/charts/loader.js>

These data visualization charts were visualized on the basis of three data sets taken from Indian governmental bodies survey reports-

1. Curve line chart - Gross Enrollment Ratio (GER) time series changes in 8 years from 2012 to 2020 – this dataset was taken from annual report 2021-22 Department of Higher Education and Department of School Education & Literacy, Ministry of Education, Government of India. The GER of male and female students is compared in the visualization throughout the 8 years.

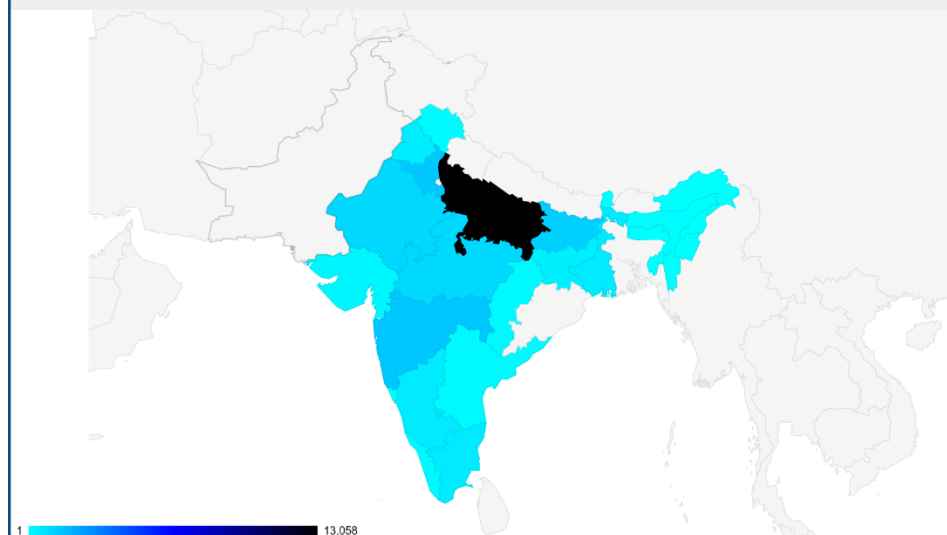


- Bar chart – it represents the state wise distribution of proprietary MSMEs by women owners in the top 20 states of India. The data has been taken from Annual report 2022-23 of Ministry of micro, small, and medium enterprises, Government of India.



- Geo chart – it represents the state wise distribution of complaints registered by the National Commission for Women during the year 2020-2021. The data has been taken from Annual report 2020-21 of National commission for women.

### Complaints of violence against women registered in Indian states



All these data visualized charts are present in their respective web pages of the website and possess the property of mouse hover effect containing respective section details.

## Forms

The submitted website contains one form to retrieve complaints related to violence against women from the victim or users. This form is present in the “Protection of Violence against women” web page.

### Instant Compliant Registration under National Comission for Wemon

November 25 is celebrated every year as the International Day for the Elimination of Violence against Women. Violence against women and girls (VAWG) 1 is one of the most widespread, persistent and devastating human rights violations in our world today and remains largely unreported due to the impunity, silence, stigma and shame surrounding it. For any issue related to Violence against Women Please Call on 24x7 Helpline : 7827-170-170

Compliant Registration



## Form

# Register Your Complaint

User Name :

Date of Birth:

Address:

State:

District :

Pin Code :

E Mail :

Mobile Number :

Gender :

Religion :

Caste :

Complaint:

- To extract the data from the html form Local host/ php my admin is used.
- To store the data in a data base is created by using php MySQL named “db.” in which the data is being stored in “register” table.

```
CREATE Database db;
```

- Following is the MySQL query to create the “register” table in the database.

```
CREATE TABLE register (  
  id int(30) NOT NULL,  
  username varchar(30) NOT NULL,  
  date date NOT NULL,
```

```

address text NOT NULL,
state varchar(30) NOT NULL,
district varchar(30) NOT NULL,
pin int(30) NOT NULL,
email varchar(30) NOT NULL,
mob int(30) NOT NULL,
gender varchar(30) NOT NULL,
religion varchar(30) NOT NULL,
caste varchar(30) NOT NULL,
complaint text NOT NULL,
pass varchar(30) NOT NULL
)

```

- The form tries to collect the users' information, contact details and victims' complaint.
- The data insert by the users can be viewed in the "register" table of "db" database using "localhost/phpMyAdmin/index.php".
- After submitting the complaint data the user would be redirected to a page where they can see there inserted data in a table format. Following is the table-

### Users List

Username	Date	Address	District	Pin	Email	Mobile	Gender	Religion	Caste	Complaint	
abcd	2023-10-06	d	Uttar Pradesh	Distt	222	xyz@xyz.com	0	male	Hinduism	caste	mmm
abcd	2023-10-10	Kuloden Humber-side	Madhya Pradesh	Distt	110001	La2yii@gmail.com	97201268	male	Hinduism	sdsd	sfazhaz
abcd	2023-10-10	Kuloden Humber-side	Madhya Pradesh	Distt	110001	La2yii@gmail.com	97201268	male	Hinduism	sdsd	sfazhaz
abcd	0000-00-00	d	Assom	Distt	222	xyz@xyz.com	0	male	Hinduism	sdsd	aw
abcd	0000-00-00		Uttar Pradesh		0		0	male	Hinduism		

[<-Go Back to the Register Form](#)

## References

- 1) [How to Fetch and Display Data From Database in PHP in Table - Tuts Make](#)
- 2) <http://www.ncw.nic.in/Annual-Reports>
- 3) <https://msme.gov.in/msme-annual-report-2022-23>
- 4) <https://www.education.gov.in/annual-report-2021-2022-moe-english>