OPEN MYGOV DATA HACKATHON

TEAM DETAILS:

NUMBER: HYD_267

TEAM MEMBERS:

PAVULURI NIDHI

C. SAI SAMAIKHYA

T. CHANDANA

S. LAHARI

T. ALEKHYA

PROBLEM STATEMENT:

Evaluation and analysis of enrollment, literacy, dropouts.

ANALYSIS:

Taking into consideration of given datasets, the

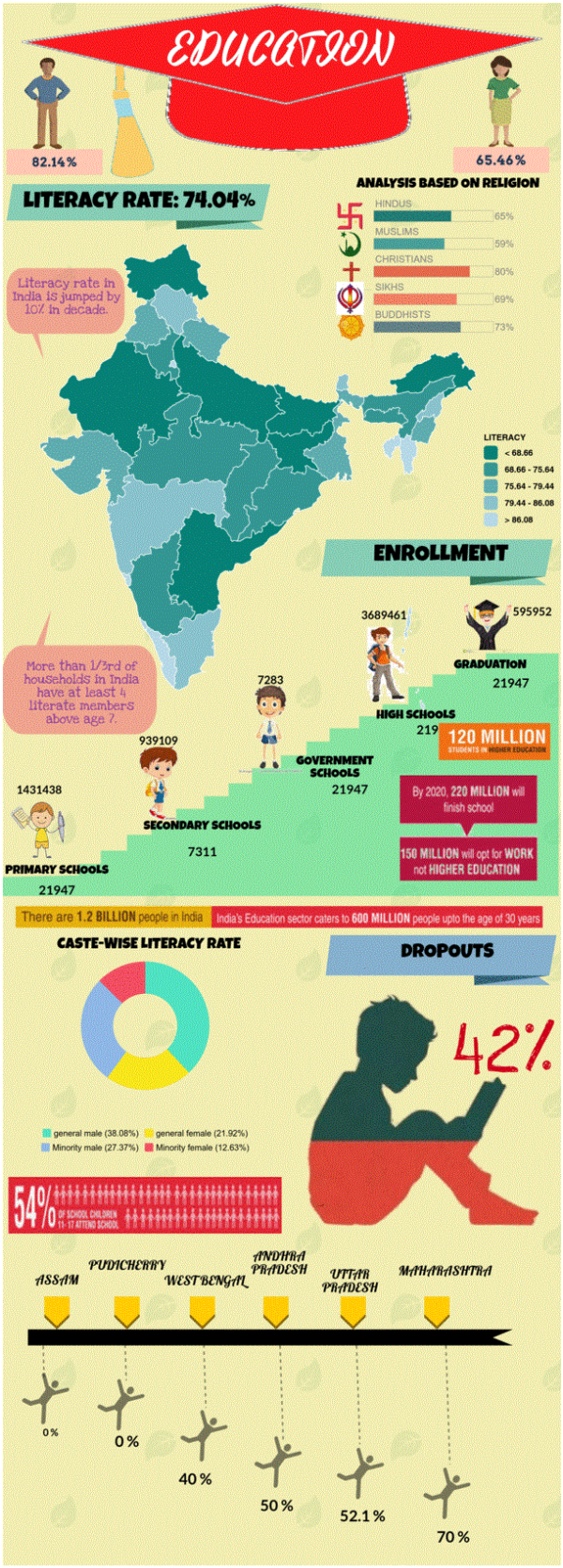
first one we have considered the literacy datasets and analyzed using R language which depicts the literacy rates of states, based on religion and gender.

The second one is, enrollment, where we analyzed the number of schools enrolled and correspondingly the number of students enrolled.

Lastly, we have taken into count the dropout scenario in India, considering the top 5 states, specially presenting the female dropout rate.

SOFTWARES USED:

- R studio
- Pictochart
- Lunapics


EDUCATION
82.14%
65.46%
LITERACY RATE: 74.04%
ANALYSIS BASED ON RELIGION
HINDUS 65%
MUSLIMS 59%
CHRISTIANS 80%
SIKHS 69%
BUDDHISTS 73%
Literacy rate in India is jumped by 10% in decade.
LITERACY
< 68.66
68.66 - 75.64
75.64 - 79.44
79.44 - 86.08
> 86.08
ENROLLMENT
More than 1/3rd of households in India have at least 4 literate members above age 7.
3689461
595952
GRADUATION
21947
7283
HIGH SCHOOLS
219
120 MILLION
STUDENTS IN HIGHER EDUCATION
939109
GOVERNMENT SCHOOLS
21947
1431438
SECONDARY SCHOOLS
7311
PRIMARY SCHOOLS
21947
By 2020, 220 MILLION will finish school
150 MILLION will opt for WORK not HIGHER EDUCATION
There are 1.2 BILLION people in India
India's Education sector caters to 600 MILLION people upto the age of 30 years
CASTE-WISE LITERACY RATE
general male (38.08%)
general female (21.92%)
Minority male (27.37%)
Minority female (12.63%)
DROPOUTS
42%
54% OF SCHOOL CHILDREN 11-17 ATTEND SCHOOL
ASSAM
PUDICHERRY
WEST BENGAL
ANDHRA PRADESH
UTTAR PRADESH
MAHARASHTRA
0%
0 %
40 %
50 %
52.1 %
70 %

HYD_267

FUTURE SCOPE:

During this analysis, we have observed that the main reasons for dropouts are:

- Lack of time, financial resources.
- Poor mentality of the people.
- Poorly designed courses.

In our opinion, the solution for the above problems is to have

- Providing financial aids
- Helping in proper future planning
- Motivating the minority classes
- Improvising the learning courses, increasing the teaching abilities of the tutors.

By improvising the literacy rate in our country we can transition from the ‘developing’ to ‘developed’ country. Being the young generation, it is our responsibility to spread awareness among the people such that our literacy rate grows exponentially from our generation.