The EDUCATION SYSTEM OF TAMILNADU

INTRODUCTION -

A Project to Visualise schools in Tamilnadu and some basic information on them

I believe the Education system of any community / Society decides the quality in everything else.

My very ambition is to fight Social Evils by rDAevolutionising our Education system. Hence, I am using data on Schools in Tamilnadu, their types, Enrolment numbers gender wise, Management type wise etc., to get a basic idea of the Education System and visualise it on the map.

I am about to do this using the Data I've obtained from the Tamilnadu Government Website.

I propose this Project to be useful to Social Activists. I know a few people like my friend who is a Law student, another one who is a Social worker etc.. to get benefited by this project

The DATA

I am not using Foursquare API data because for most of the Queries we only get "Too generic Area, not much of Venues present. Try a different one with more popularity". Geocoder doesn't Respond at all, hence downloaded the coordinates file.

I have collected the following data regarding schools in Tamilnadu, District wise:

1) Enrolment in Management Type – Government, Private or Private Aided (Private but aided



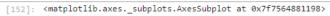
by Government)

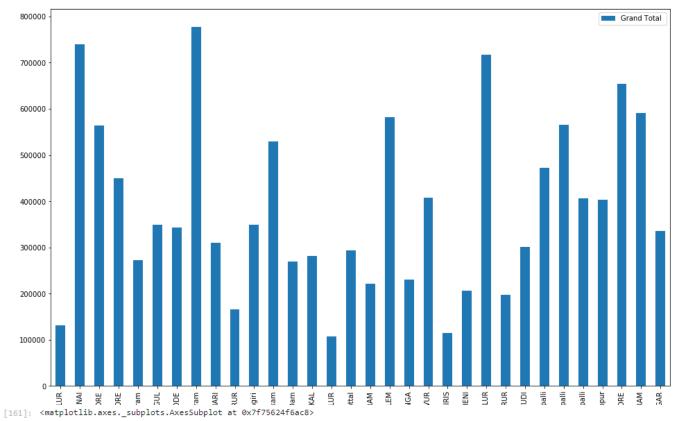
- Enrolment in School Level Primary, Middle or High School
- 3) Enrolment Gender wise
- 4) Teacher Strength
- 5) Latitude and Longitude coordinates of each District

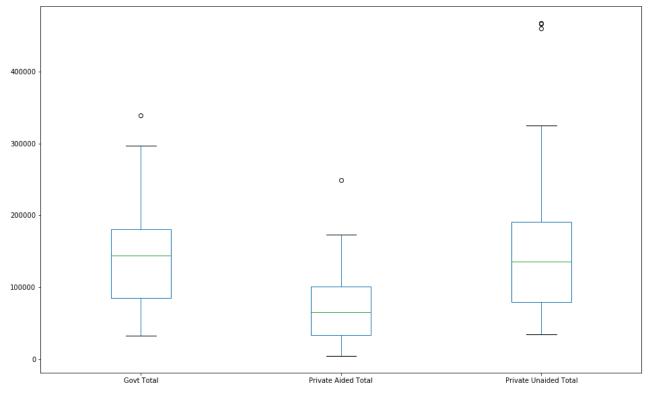


Methodology

- Bar chart was drafted to visualise the variance of data district wise
- The Histogram shows that there are a few Districts which are on the higher side of number of Enrolment count and a few on the lower side

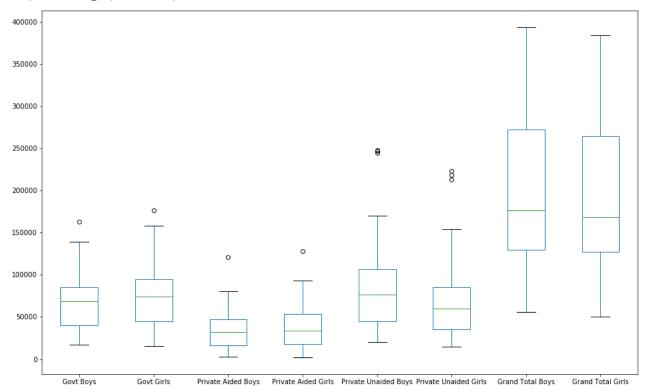






• The Box Plot of Gender wise Enrolment in different Management Type of Schools show a very interesting pattern that coincides with the idea of India mentality of Girl-Child





education

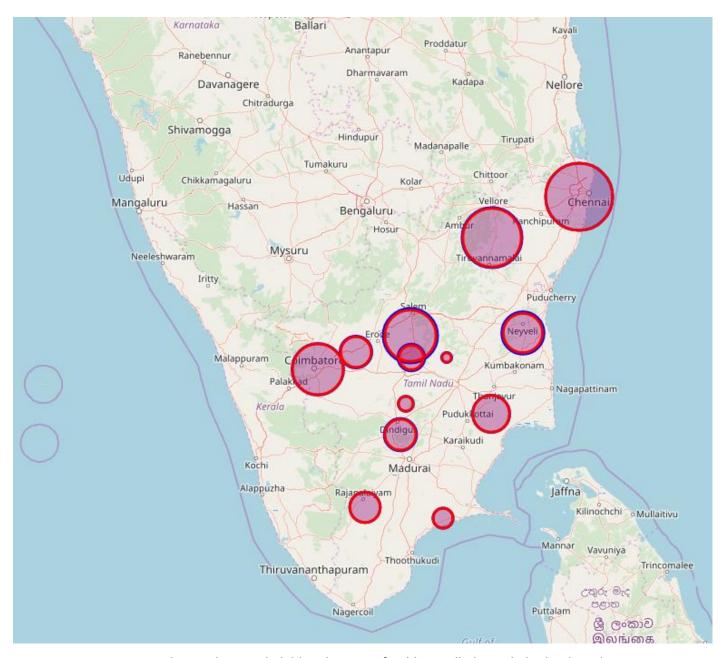
• The Enrolment count is to be visualised on the State map of Tamilnadu in a District-wise

Results

- The Map shows that North East part which includes the Capital of Tamilnadu, Chennai which is also a Metropolitan Port city has the highest number of Enrolment
- Chennai is followed by Vellore which is a neighbouring District
- The Eastern Parts of Tamilnadu represented by Coimbatore and Salem also have a fairly high Enrolment among all the Districts
- The western and Southern parts show a very low number of Enrolment compared to the others

Discussion

• The government might have to focus more on the Eastern and Southern Parts to improve Quantity of Educated Population



 Moreover the insight on girl Children being preferably enrolled in Aided Schools and otherwise for boy Children leads to another picture which might be useful for social Activists to work for changing the Society's Misconceptions

Conclusion

- The Education in Tamilnadu, India seems to be dominated by a few cities like Chennai, Coimbatore, Vellore and Kanchipuram
- It needs to be well spread out though the State to be accessible to everyone in a fair manner