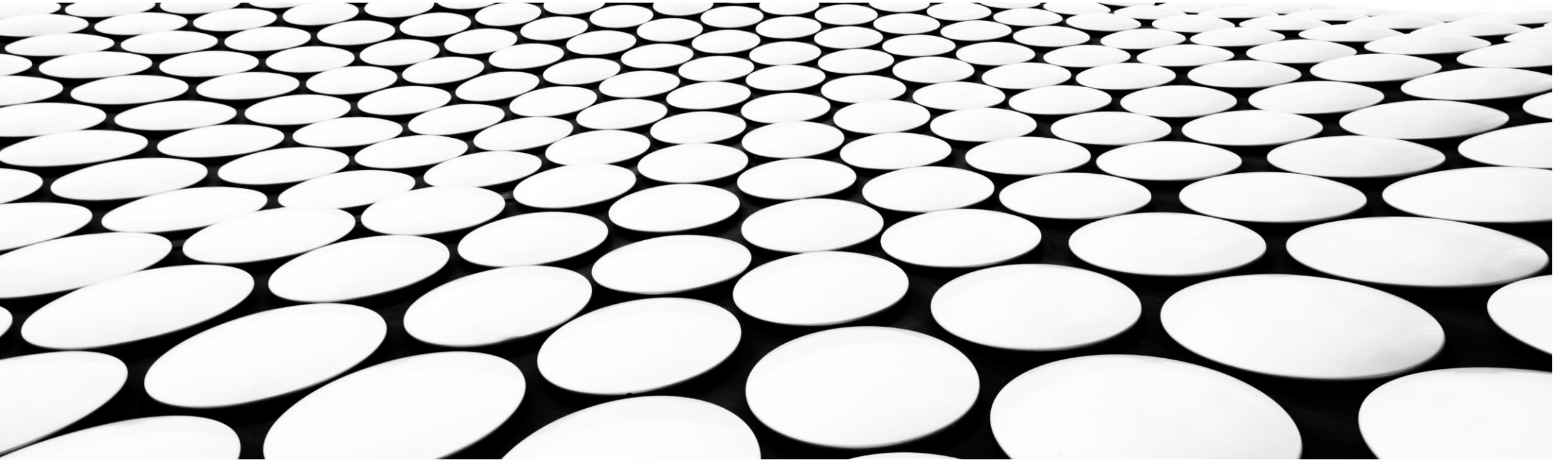


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# A PEEK INTO EDUCATION IN TAMILNADU, INDIA

NAGULAN BASKARAN



# 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 revolutionising 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

[5]:	gender.head()													
[5]:	S.No	District	Govt Boys	Govt Girls	Govt Total	Private Aided Boys	Private Aided Girls	Private Aided Total	Private Unaided Boys	Private Unaided Girls	Private Unaided Total	Grand Total Boys	Grand Total Girls	Grand Total
0	1	ARIYALUR	37475	36642	74117	8822	12524	21346	20453	14783	35236	66750	63949	130699
1	2	CHENNAI	45046	54260	99306	80197	93383	173580	244490	222777	467267	369733	370420	740153
2	3	COIMBATORE	79306	85899	165205	34089	40627	74716	170440	154029	324469	283835	280555	564390
3	4	CUDDALORE	88116	96313	184429	37567	38850	76417	106990	81252	188242	232673	216415	449088
4	5	DHARMAPURI	80521	85207	165728	2763	1974	4737	58802	43665	102467	142086	130846	272932

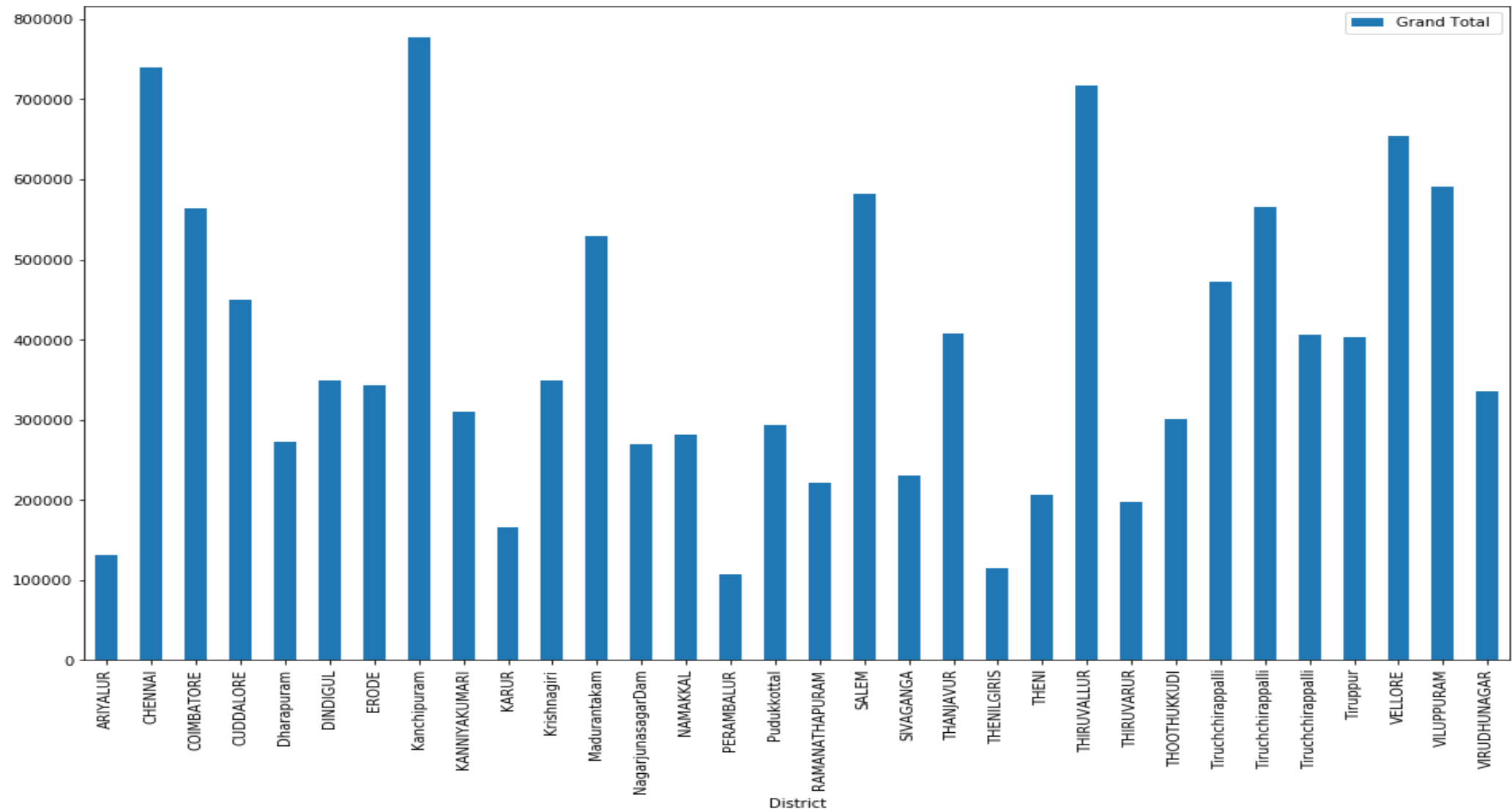
# THE DATA

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

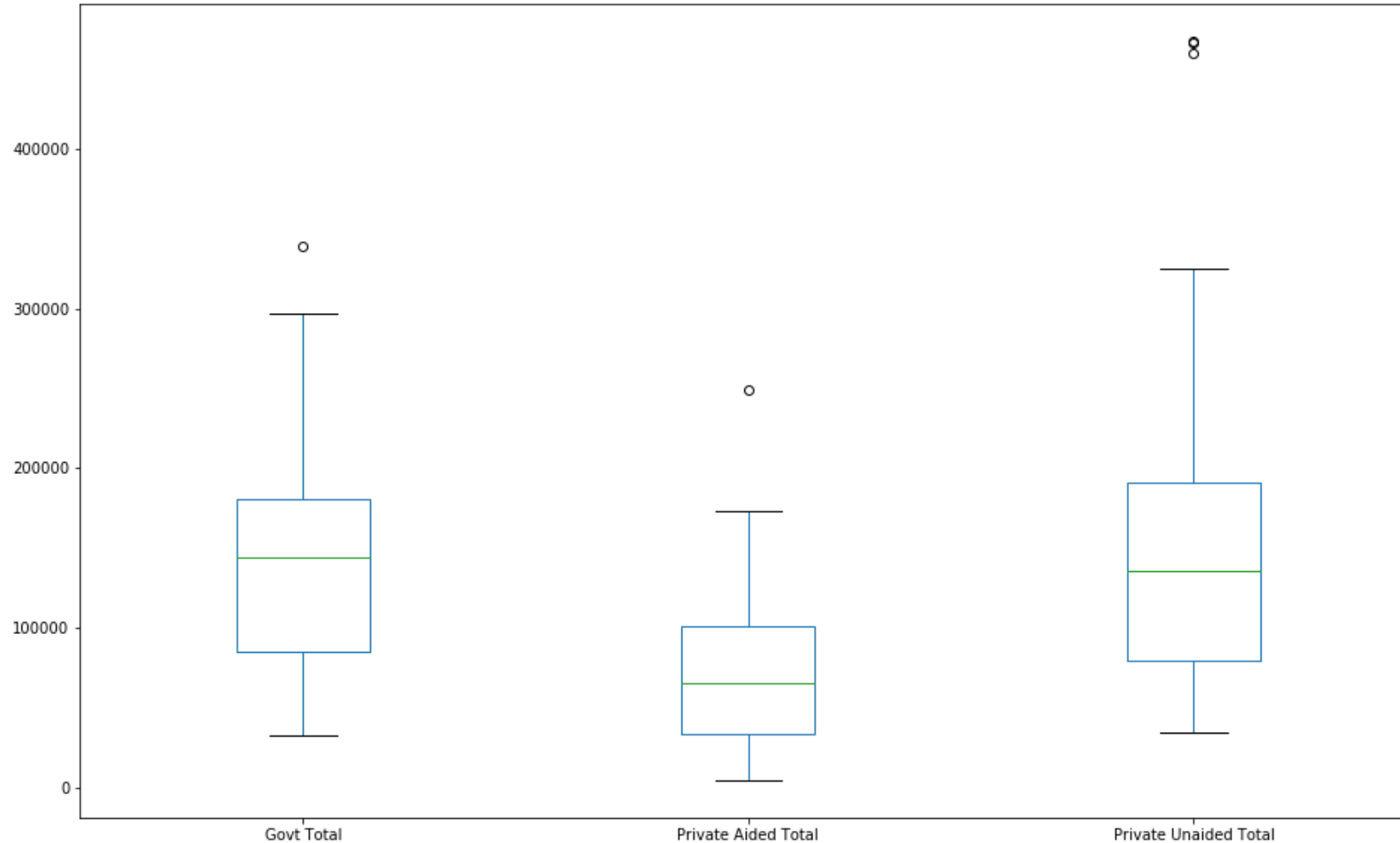
# DISTRICT-WISE ENROLMENT COUNT

[152]: <matplotlib.axes.\_subplots.AxesSubplot at 0x7f7564881198>



# DIFFERENT MANAGEMENT TYPES

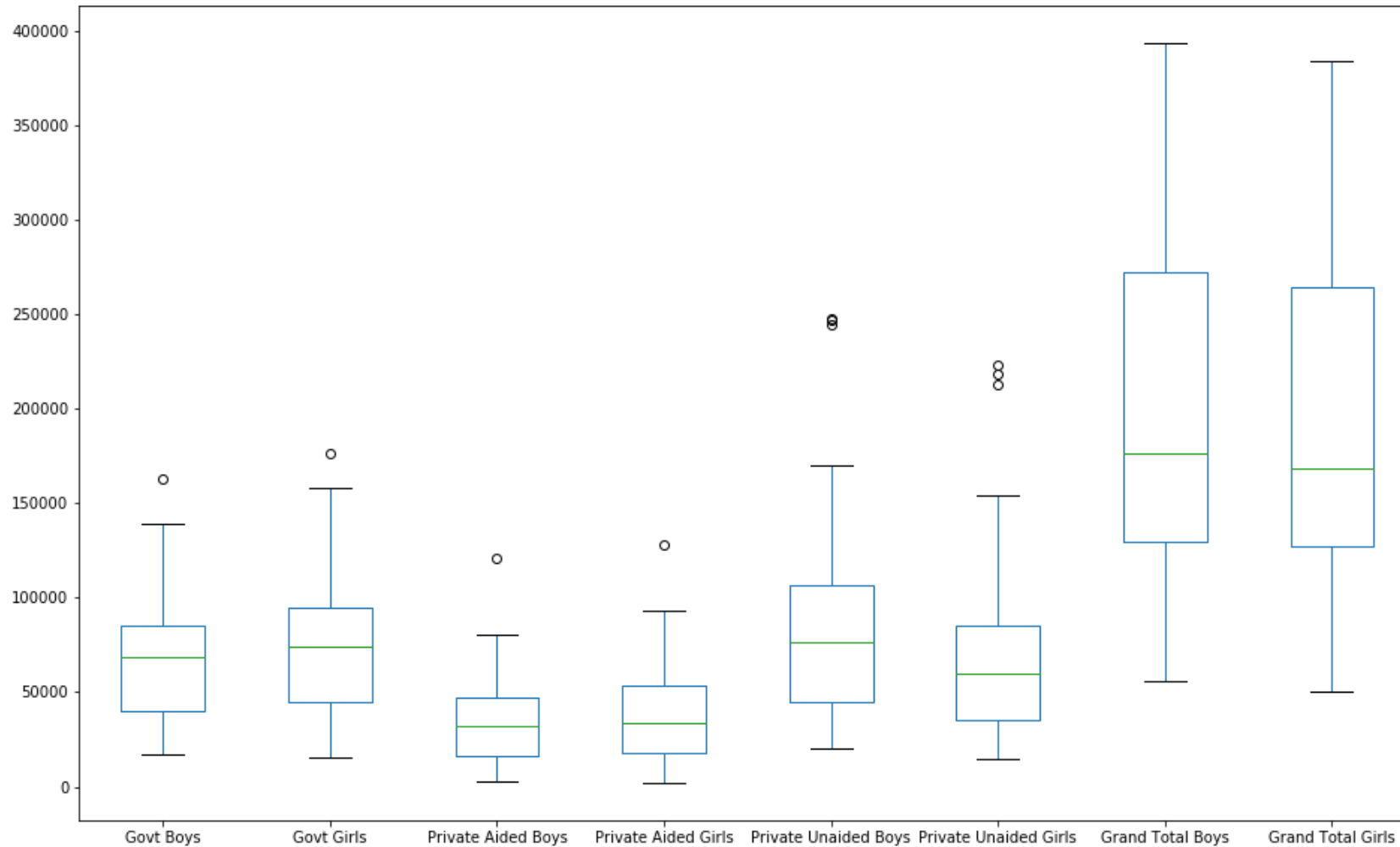
[161]: <matplotlib.axes.\_subplots.AxesSubplot at 0x7f75624f6ac8>



Private unaided Schools  
Dominate which  
Essentially makes us call  
It a market

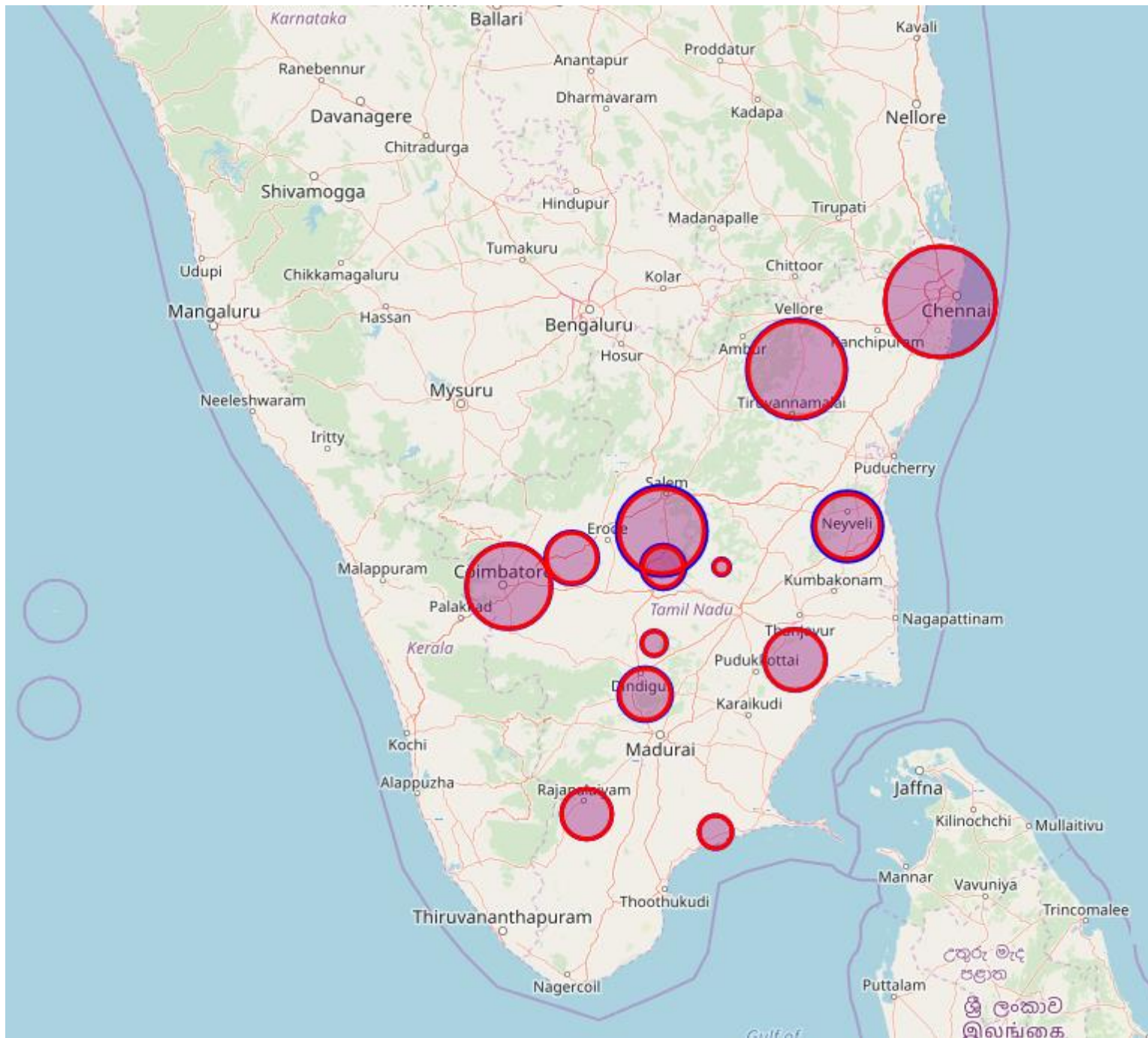
# GENDER WISE – MANAGEMENT TYPE COUNT

[162]: <matplotlib.axes.\_subplots.AxesSubplot at 0x7f756247f0b8>



This coincides with the Traditional Mentality in the Indian Society that one should not spend in Girl children's Education and save it for her Marriage

The Outliers in Private unaided represent the dominating cities like Chennai and Vellore. Even then for Girls there is one more Outlier which denotes the Exceptional districts.



## THE ENROLMENT PATTERN THROUGHOUT TAMILNADU

Good news is there are 3 Districts where the Blue colour is visible. The blue colour was given for Girl children. However the same is Because these Districts have more of Govt And Aided Schools.

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## CONCLUSION AND FUTURE PROSPECTS

- The Map clearly shows that a few Cities represent most of the Enrolment Count
- Especially Port, Metropolitan and Capital City Chennai which is followed by Vellore which is a neighbouring District
- The Eastern Parts of Tamilnadu 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
- The government might have to focus more on the Eastern and Southern Parts to improve Quantity of Educated Population
- The Girl-child Education Bias is till obviously visible in our data and might deserve the attention of the Society and Youngsters