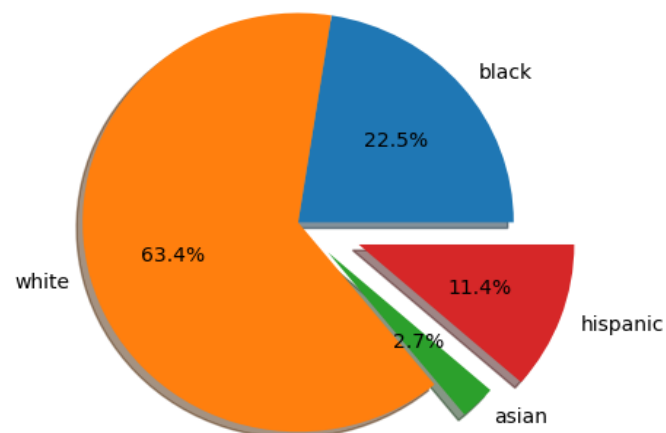


Data Analysis Report of Middle Tennessee School

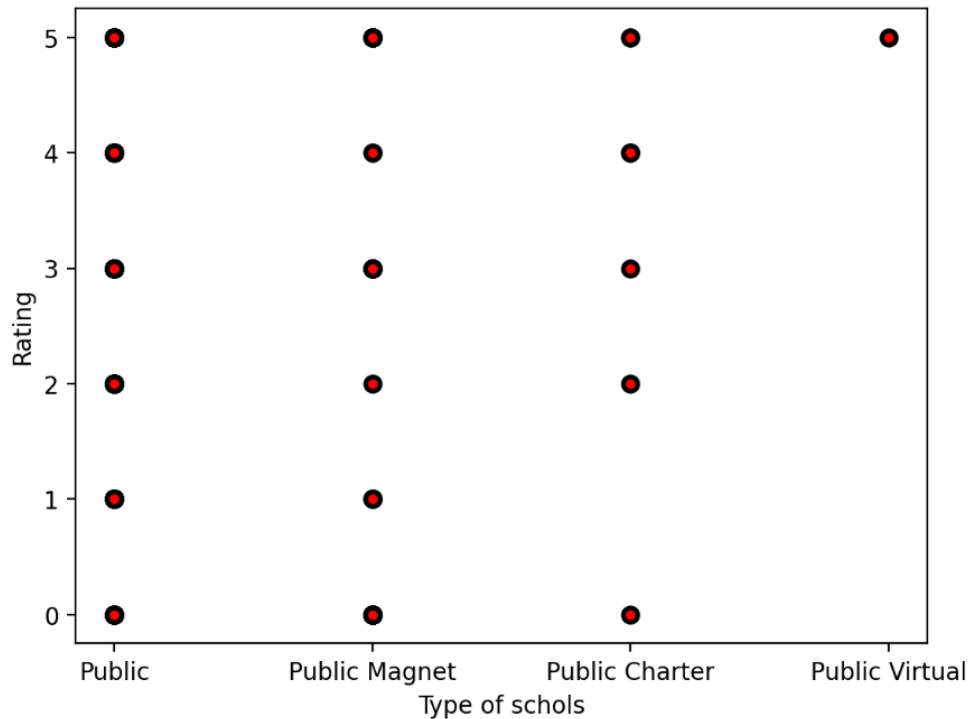
- After Analyzing the data , academic performance and demographic characteristics of various schools differ in many area from each other
- By examining the school rating and other demographic and performance indicator , we can see that there is a unbalanced structure in the education system

Student Demographics:



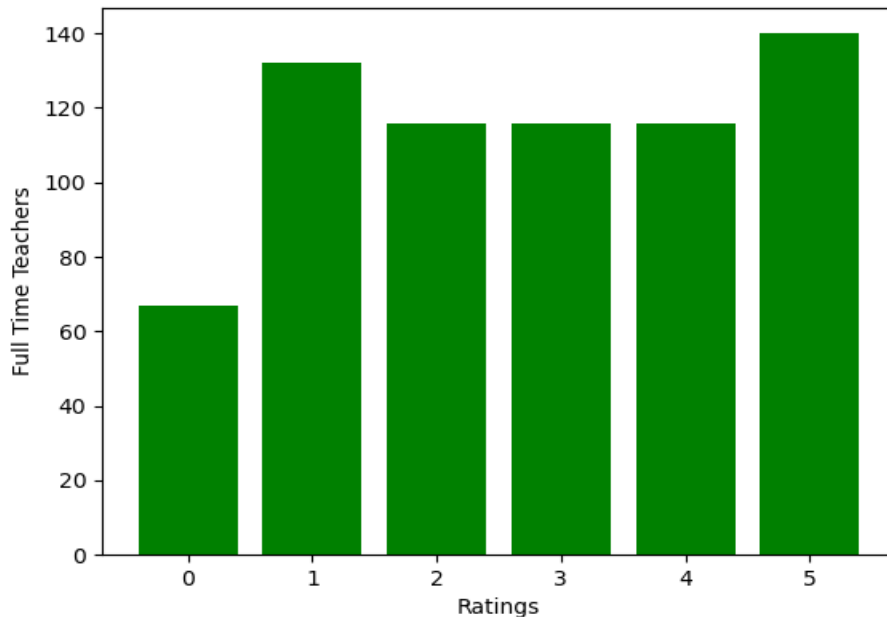
- The above Pie Chart show the uneven Demographic distribution in the Schools , which is a major problem for the schools performing low. This also shows the inequalities among the students of various schools
- The Percentage of white student is more than 60% in every school where the rest have less than half of the school's total population ,which leads to a Racial Discrimination

- In the Data there were 4 type of schools (Public ,Public Magnet ,Public Charter Public Virtual,) and by examining there performance and rating we got some information



- Every Public Virtual type schools have 5 ratings, and the Public , Public Magnet type of schools are most under performing . By implementing policies which are followed by Public Virtual type schools can be beneficial to other schools
- Marking the schools with low academic and less ratings and resolving the issues will help in checking the low performance of those schools

- The number of full time Teachers is also playing an important role in the rating and overall performance of the school



- In the above graph we can see that those schools having less number of full time teachers are underperforming whereas school having more full time teacher are performing well academically , having an positive impact on rating of the school
- Increasing the number of full time teacher can be consider as one of the solutions of underperforming schools
- By examining the school rating and other demographic and performance indicator , we can see that there is a unbalanced structure in the education system
- Schools receiving the free or reduced-price lunches are facing the challenges of improper resources allocation
- there is socioeconomic inequalities among the schools and the students

Conclusion

Schools lower in rating which is a result of improper resource allocation therefore to check this there should be a equal resource allocation such as funding , qualified teachers etc . Schools with lower rating and lower academic performance requires a special attention and underlying issues should be addressed Every school should have balanced diversity in the student population, any of the school not have much students from a particular race Every Student be given the Equal opportunities