

Leveraging on Schools in Chicago

Parents, policymakers, and educators are committed to identifying great schools and calling attention to failing ones, but they often lack the tools to distinguish adequately between them. The proliferation of available student data, advancements in analytic methods, and increased public demand for school quality information has spurred innovation and diversification in school quality rating systems. But with this rapid evolution comes the challenge to understand and track these diverse systems' characteristics.

So in this project I tried to analyze and segment communities of this city based on college admission and finally cluster all schools on their communities. The results of clustering and segmenting are shown in 3 images as chi1, chi2, and chi3, because of Github unfortunately doesn't show the folium map I upload them separately. Please check all of them.

While this report does not attempt to recommend a national charter school quality rating system, the analysis of existing project can provide useful insights into school quality measures, methods, and reporting formats that could be considered in a system.