

Problem

There is no simple way to directly compare all of the schools in the Seattle Public School District. The data exists, but is not accessible.

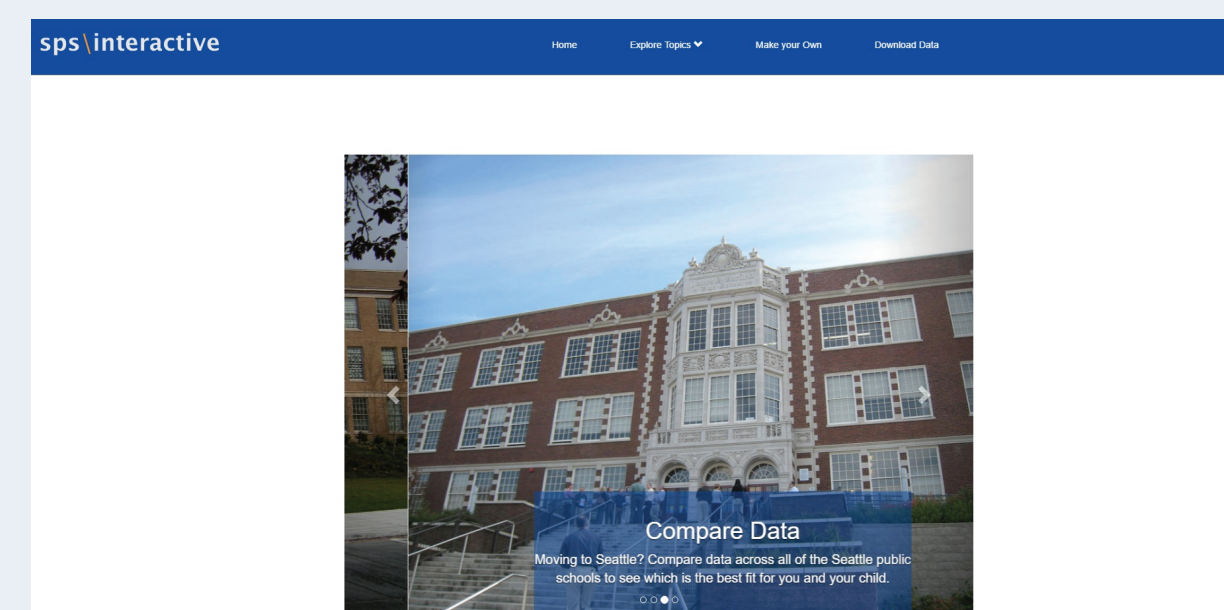
Solution

We created a suite of 11 interactive visualizations, allowing you to explore various aspects of the Seattle Public School System, such as standardized test scores and student demographics.

Application

Which school in North Seattle has the highest science test scores?

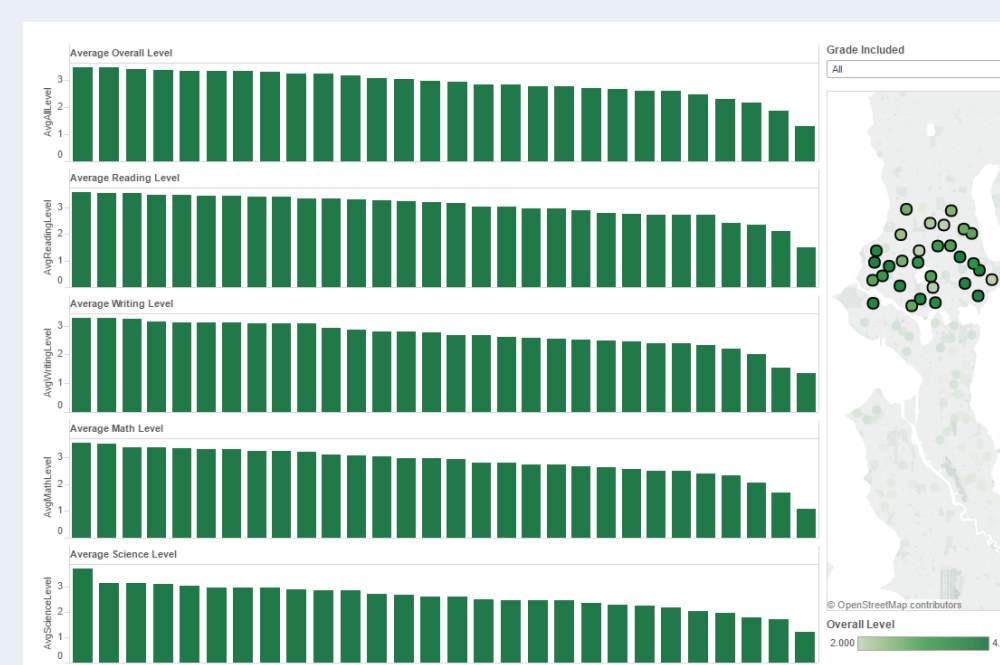
We can discover which school has the highest test scores by utilizing the customizable search results displayed on the test score dataset page.



First, go to the homepage.



Explore the different sorting options.



Select test scores, then highlight on the map which schools to include.

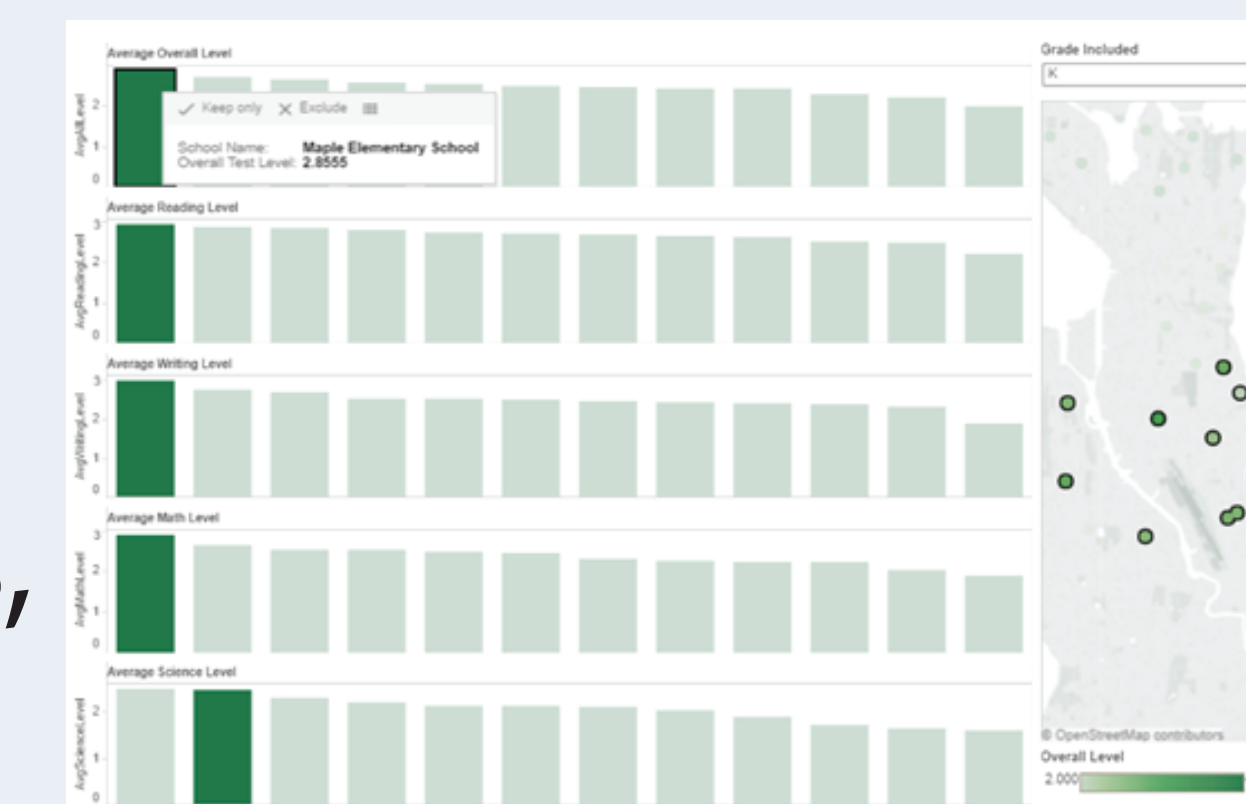


Finally, hover over the top school listed under science. It's Queen Anne Elementary!

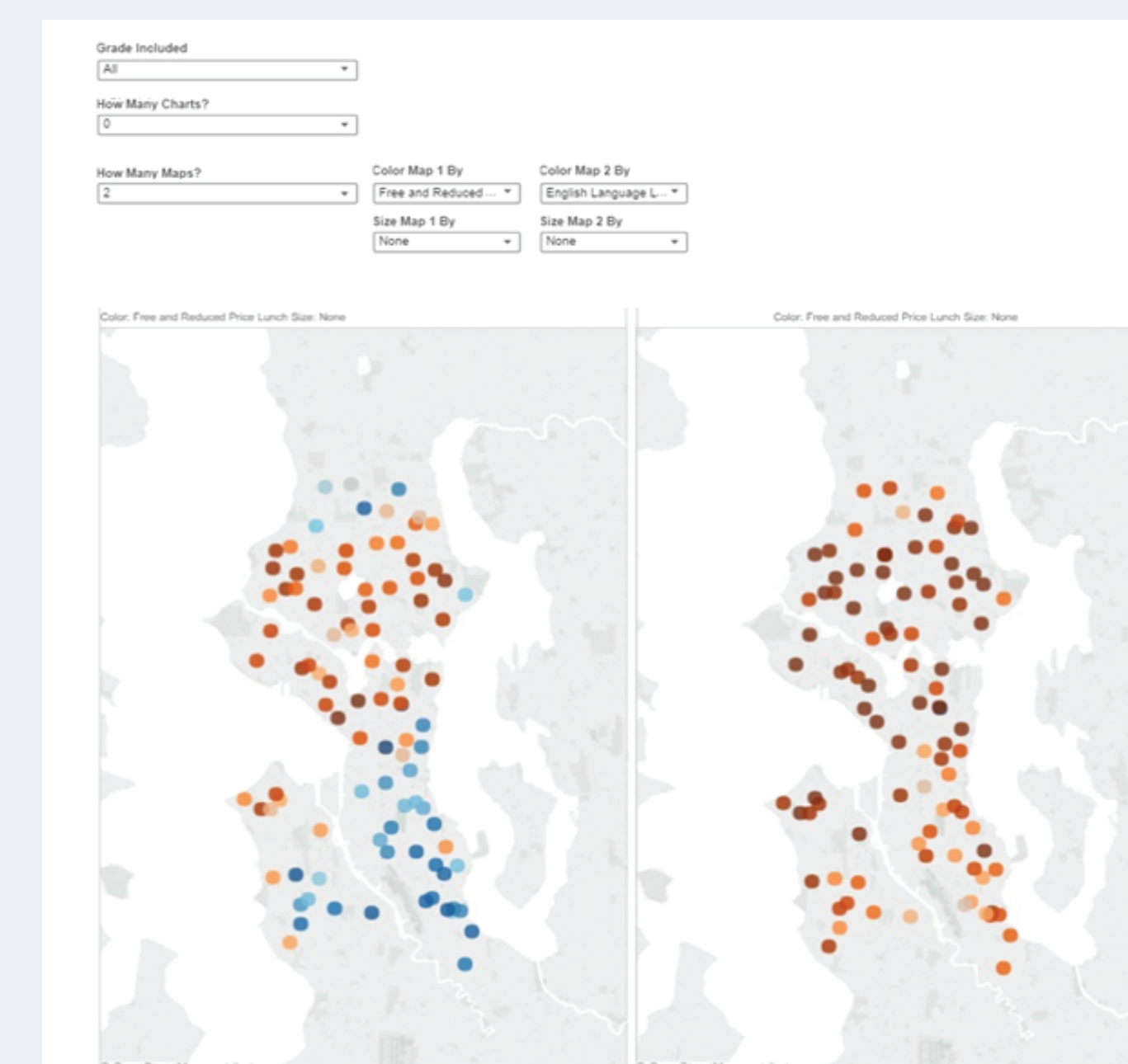
Discovery

SPSInteractive allows you to find patterns which would otherwise require extensive exploratory analysis.

- Maple elementary is in the 60th percentile of schools, while all nearby schools are in the 40th percentile – what makes Maple different?



- There is strong correlation between high populations of English language learners and both high free and reduced price lunch enrollment and South Seattle schools. How can we use this information to promote equity in the Seattle Public School District?



THE FUTURE

We have three goals looking forward:

1. Extend our tool to a larger geographic area
2. Keep the information up to date
3. Add even more datasets (ex.: student homelessness)