

Bass Connections 2016

Government Transparency of Information



BASS CONNECTIONS

Government Transparency of Information: Team Members

Pimchanok Chuaylua | Political Science
 Blaine Elias | Public Policy Studies
 Nathalie Kauz | Public Policy Studies
 Lauren Kelly | Public Policy Studies

Tanner Lockhead | Public Policy Studies
 Melinda McTeigue | Mechanical Engineering
 Sai Panguluri | Public Policy Studies
 Angie Shen | Public Policy Studies



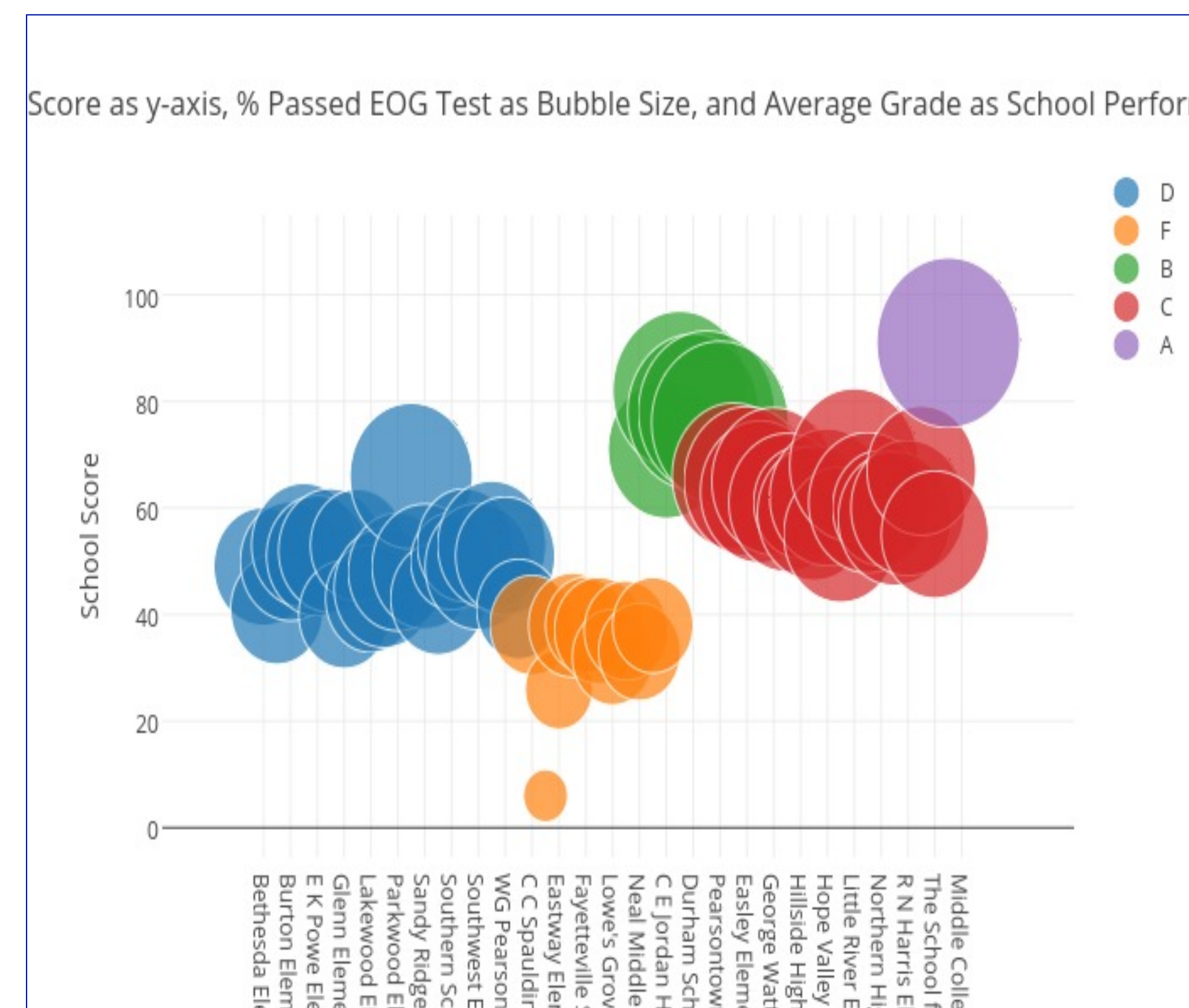
Team Leaders

Ken Rogerson | Sanford School
 Orlin Vakarelov | Philosophy

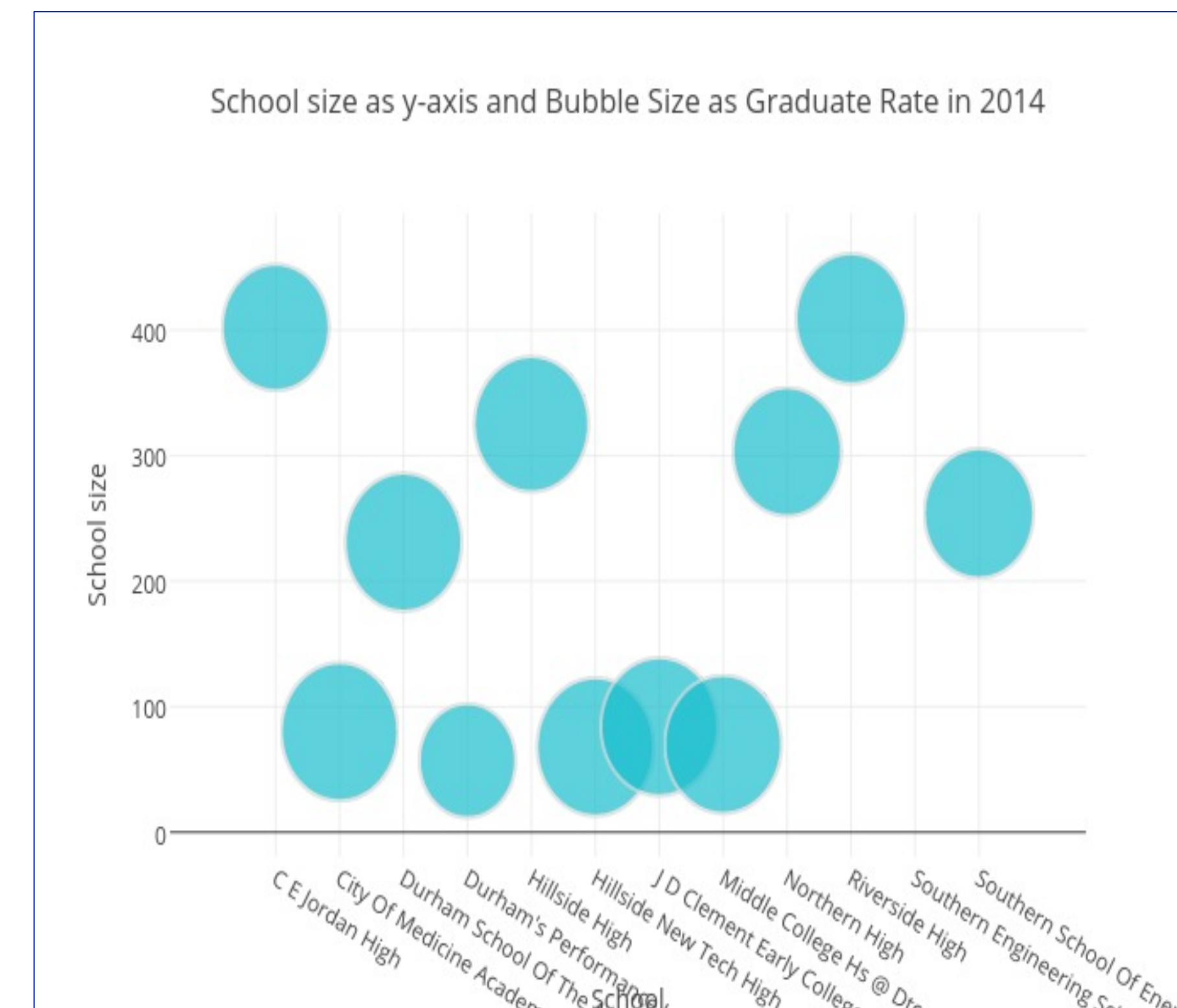
PROJECT SUMMARY: How well and in what ways do governments communicate with their citizens? How do governments analyze data and create visualizations to promote public access to government information?

PROJECT OBJECTIVES

- To explore the normative and theoretical principles underlying the relation between information access and improved governance
- To develop a sustainable model for analyzing large datasets that relate to public issues
- To engage Duke students and faculty in Durham community



School Performance: % Passing End of Grad Exams 2013



School Size and Graduation Rate 2013-2015

PARTNERSHIP AND OUTPUTS

- Created data visualizations demonstrating performance of Durham public schools
- Presented the data visualizations to Durham City
- Advised Durham City to improve its website interface

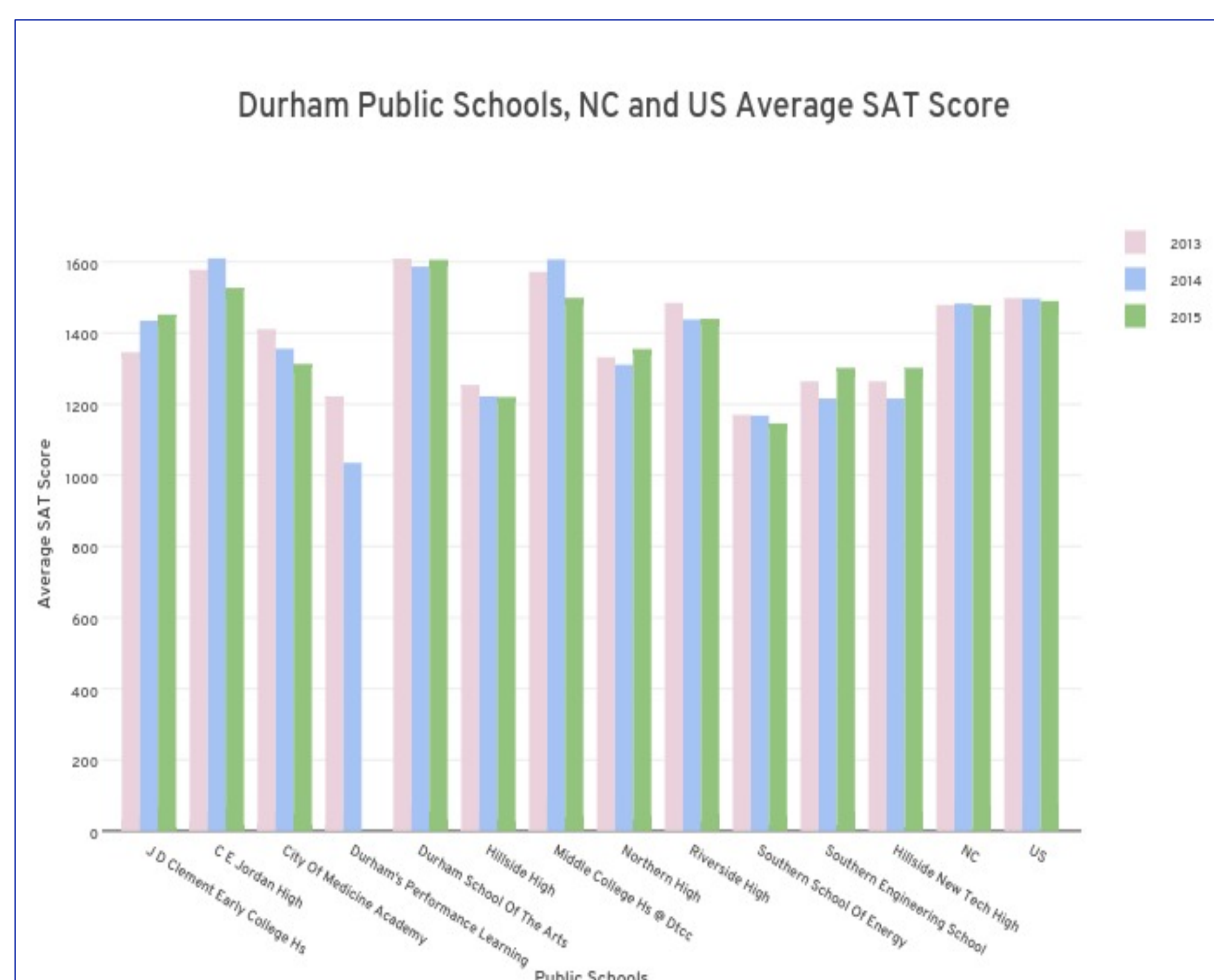
INSIGHTS

- Durham City has shown significant improvement on public access to government information through the utilization of technology.
- The team has gained hands-on experience from analyzing data and communicating with governmental organizations.

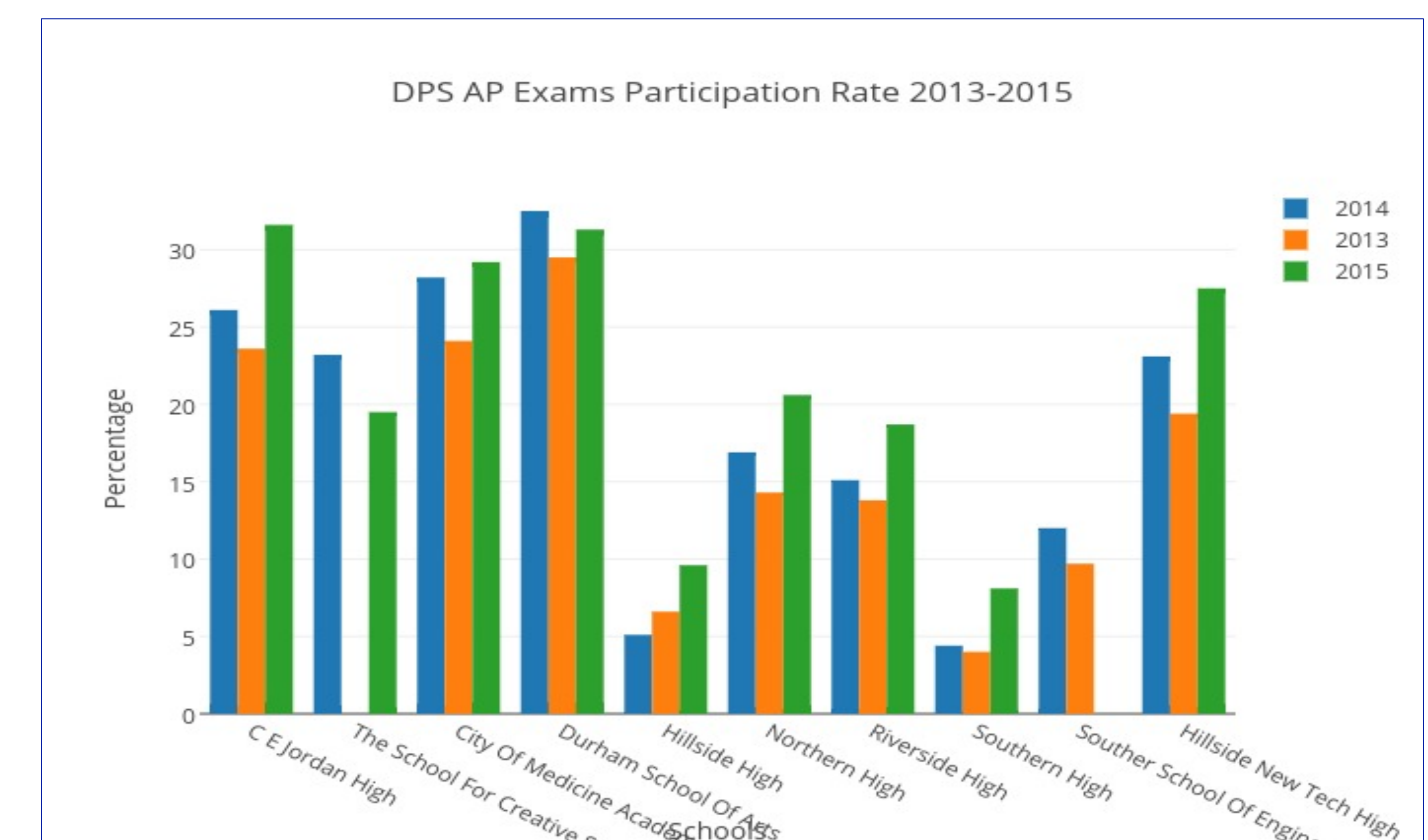
METHODOLOGY

- Access the data sets available through Durham City's websites: Open City Data and Neighborhood Compass
- Analyze the data sets in the following topics: education, housing, safety and transportation
- Create data visualizations
- Advise Durham governmental organization on how to improve the efficiency of public access to governmental information

The impact of our advice, analysis and visualization will be assessed through the improvement of Durham citizens' access to government information



Durham Public Schools, NC and US Average SAT Score 2013-2015



Durham Public Schools AP Exam Participation Rate 2013-2015