

Data Science

The Data Science Standards of Learning provide an introduction to the learning principles associated with analyzing big data. Through the use of open source technology tools, students will identify and explore problems that involve the use of relational database concepts and data-intensive computing to find solutions and make generalizations. Students will engage in a data science problem-solving structure to interact with large data sets as a means to formulate problems, collect and clean data, visualize data, model using data, and communicate effectively about data formulated solutions.

Credits 1

Grades

10, 11, 12

Schools

Colgan High School

Forest Park High School

Gainesville High School

Gar-Field High School

Patriot High School

Potomac High School

Woodbridge High School

Prerequisites

[Algebra, Functions, and Data Analysis](#) or [Algebra 2](#)