



STATE OF ALABAMA DEPARTMENT OF EDUCATION



Eric G. Mackey, Ed.D.
State Superintendent of Education

FOR IMMEDIATE RELEASE
January 2025

CONTACT: Communications
334-694-4689
comm@alsde.edu

Alabama
State Board
of Education

NATIONAL REPORT RECOGNIZES ALABAMA AS EMERGING LEADER IN K-12 DATA SCIENCE EDUCATION

Governor Kay Ivey
President

Montgomery, Alabama – What started as a pilot program in just 16 Alabama schools during the 2022-23 academic year has rapidly evolved into a statewide best practice initiative, transforming data literacy education across Alabama.

Jackie Zeigler
District I

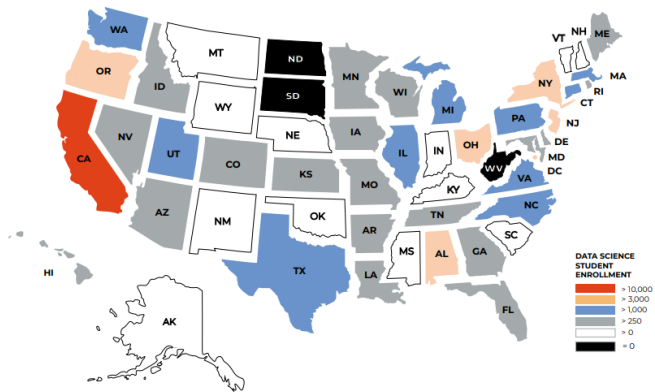
Through a special partnership between the Alabama State Department of Education (ALSDE) and Alabama-based [QuantHub](#), the *Data Literacy Program* has achieved remarkable milestones and received national recognition:

Tracie West
District II

- **Implementation in over 175 Schools** across 85 school districts.
- **Nearly 10,000 Students Engaged** with data literacy education.
- **Professional Development for over 3,400 Teachers**, equipping them with tools and strategies to teach data literacy effectively.
- **5,125 Professional Development Hours** delivered to educators statewide.

Stephanie Bell
District III

Yvette M. Richardson, Ed.D.
District IV



*We publicly report student enrollment data by implementation tiers and in ranges to protect proprietary data provided by our Content Partners Network organizations

The growth of this initiative underscores Alabama’s commitment to equipping students and educators with the vital knowledge and skills needed to thrive in the data-driven economy.

“The latest national research confirms what we recognized two years ago—data skills are becoming essential across all industries,” said State Superintendent Eric Mackey.

“By focusing our efforts and investments, Alabama has made significant strides in preparing students for the future workforce, where even traditional roles increasingly require data and AI capabilities. This progress is a testament to the power of strategic partnerships and a shared commitment to equipping our students with the knowledge and skills needed to thrive in a data-driven economy.”

The innovative Data Literacy Program integrates directly with the Alabama Talent Triad, which focuses on connecting classroom micro-credentials to employers.

–more–

Eric G. Mackey, Ed.D.
Secretary and
Executive Officer

QuantHub and ALSDE Partnership Receiving National Recognition and Educator Acclaim

This program also aligns with key priority sectors, such as mobility, bioscience, technology, and is incorporated into the state's CatALyst economic development efforts.



"We're honored to support Dr. Mackey's visionary leadership in bringing data science education to Alabama's students," said QuantHub CEO Joshua Jones. "This partnership demonstrates how Alabama companies can support our state's educational innovation."

**Excited and inspired student Kenya Gordon pictured, participated in the data literacy program at Paul W. Bryant High School last year. She is a 2024 Data Scholar Alumna and current freshman at The University of Alabama!*

"Data literacy is becoming one of the most important things that we can teach students...the state's Data Literacy Program does a phenomenal job of not just teaching them, but how to understand and learn for and research for themselves," said Mobile County Public Schools Teacher Aimee Tucker.

Additional Facts and Stats

- One in five Alabama jobs now require data science skills. Data science skills command up to 14% wage premium, creating pathways to higher-paying careers ([2024 Burning Glass Institute report 'Data Science is for Everyone'](#)).
- Students pursuing data science careers are projected to earn starting salaries averaging around \$85,956 (nearly 80 percent above the state's average of \$47,826, according to a 2024 economic study commissioned by QuantHub).

"The Data Literacy Program teaches a lot of critical things my students need to know, like data analysis, that can be applied to the ACT but it's also what students need to know for job-related tasks," said Educator Destiny Langford.

Schools interested in joining Alabama's Data Literacy Program can choose from flexible implementation options:

- **Spring 2025:** Supplemental curriculum for math, science, and ACT preparation.
- **2025-26 School Year:** Full courses, including an Applied Data Science Math Course and a Data Analytics CTE Course Professional Development: Self-paced training that allows teachers to earn professional development hours, including TEAMS credits, with minimal classroom disruption.

Teachers and students are praising the transformative impact of data literacy education. Interested in bringing this dynamic program to your school? Contact QuantHub K-12 Outreach Manager Veronique Zimmerman-Brown at vbrown@quanthub.com

###