



2024 North Carolina Education Datathon

Connecting Career and Technical Education (CTE) and North Carolina Workforce Needs

- DATE AND TIME:** Thursday, February 8, 2024, 9:00 AM – 5:30 PM
Friday, February 9, 2024, 8:30 AM – 5:30 PM
- LOCATION:** McKimmon Conference and Training Center, NC State University
1101 Gorman St., Raleigh NC 27606
- HOST PARTNERS:** The Hunt Institute, The Office of Governor Roy Cooper, NC Department of Information Technology, Government Data Analytics Center (GDAC)

The goal of the NC Datathon is to leverage technology and data to develop innovative solutions for addressing complex problems. This event will bring together high school, community college, and university student-led teams from across North Carolina. Teams are challenged to solve an education-related problem by using multiple sources of data to develop applications, dashboards, and/or solutions and present their projects to a panel of expert judges. The two-day event will include speakers, team work time, presentations, judging, and an awards ceremony. This year's Datathon theme is *Exploring the Relationship between the Digital Divide and Postsecondary Educational Attainment*.

TEAM EXPECTATIONS

- Teams will use publicly available data in their solution development.
- Teams should bring their laptops, ID, cellphone, chargers, and headphones.
- Teams can choose the database management system they are most comfortable with using during the Datathon.
- The Hunt Institute will not provide software to the teams. Some examples of tools you can use to develop your project and presentation include Excel, Gsuite, Video Editor, PowerPoint, Microsoft Teams, python, anaconda distribution, PowerPoint, plotly, ArcGIS, PowerBI, Canva, Power BI, Excel, Heat Map technology, OBS, R, Rstudio, Vegas, Google API, Python, Data viz tools, etc.
- Team projects should be as practical as possible rather than theoretical, but each team should develop the solution that best fits their skills.

PROJECT SUBMISSION

- Project presentations must be submitted as a four-minute recorded presentation.
- Judges will only watch the first four minutes of the team presentation.
- The Hunt Institute will not provide equipment to record – teams should be prepared to use their own recording devices (laptops, cell phones, etc. are acceptable).
- Introduce your team name, team number, and participants in the introduction of your presentation.
- State the problem, your solution, how you got there, the value proposition, and value to the state of North Carolina.
- **Teams must submit their final, recorded project using the Google submission form by 2:30 PM on Friday, February 9, 2024.** This form will be emailed to all teams on Day 2 of Datathon. If teams miss the deadline, their project submissions will not be played or be considered for judging.

WINNING PROJECT EXAMPLES

- **2023 North Carolina Education Datathon Postsecondary winner:** [The Steminites](#)
- **2023 North Carolina Education Datathon Secondary winner:** [Wrong but Useful](#)
- **2022 North Carolina Education Datathon winner:** [Edu-TASTIC](#)
- **2022 North Carolina Education Datathon honorable mention:** [Team NCSSM](#)