### Goals:
To create inclusive data science tools and curriculum that are accessible to individuals with disabilities

### Project type:
DTI

### Project start/end date:
2021 - 2025

### Project URL:
Insights & Achievements:
- Prototype of data science libraries which cover operations common in data science
- Prototype of charting library with accessibility support
- Extensive interest in the project expressed by partners

### Initial Considerations:
What capabilities/statistical functions should be included in our libraries to support data science at the secondary level?

How do we make charts and graphs accessible to all students with disabilities (e.g., sensory, learning)?

How do we account for different partners’ needs?

### Strategies:
- **User-Driven Technology:** multimodal, block-based data science tool for secondary students
- **Inclusion:** accessible to those with disabilities, tactile feedback, and driven by empirical evidence
- **Strategic Partners:** Two lead partner schools (learning and sensorial disabilities), ACM Data Science task force, RStudio team