

# **Gage Rowden, M.S.**

*Lead Technical R&D Scientist, Priogen Corporation*

## **Responsibilities Overview**

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### **Data Analysis & Pipeline Development**

- Design and maintain automated pipelines for processing high-throughput experimental data.
- Develop custom scripts for data cleaning, transformation, and statistical analysis.
- Implement reproducible workflows using Git and GitHub Actions.
- Generate interactive visualizations and reports for internal teams, external partners, and clients.

### **Scientific & Technical Leadership**

- Oversee experimental design strategies in collaboration with R&D and service-side leadership.
- Provide scientific direction for assay development and optimization.
- Troubleshoot and resolve experimental or data quality issues.
- Align data analytics efforts with diagnostic objectives and regulatory expectations.

### **Infrastructure**

- Manage internal systems for accessioning, tracking, and analyzing diagnostic data.
- Maintain and update SOPs, documentation, and analysis protocols.
- Design database infrastructure to support scalable and efficient data management and reporting.

### **Project & Information Management**

- Act as a project liaison between the service lab, R&D lab, leadership, and stakeholders.
- Coordinate version control across projects to ensure consistent reproducibility.
- Manage timelines and deliverables across concurrent data-driven projects.

### **Collaboration & Mentorship**

- Train and mentor junior scientists in lab operations and analysis workflows.
- Facilitate cross-functional collaboration between company departments.
- Lead data review sessions to align research and services with company priorities.