



COMMUNITY COLLEGE  
OF RHODE ISLAND

Office of Human Resources

**POSITION DESCRIPTION**

<b>POSITION:</b>	Research Analyst
<b>LOCATION:</b>	Office of Institutional Research and Assessment
<b>REPORTS TO:</b>	Director of Institutional Research and Assessment
<b>GRADE:</b>	CCRIPSA 10
<b>WORK SCHEDULE:</b>	35 hours per week; Non-standard

**ABOUT CCRI:**

The Community College of Rhode Island is the state's only public comprehensive associate degree and certificate-granting institution. We provide affordable open access to higher education at locations throughout Rhode Island. Our primary mission is to offer recent high school graduates and adult learners the opportunity to acquire the knowledge and skills necessary for intellectual, professional and personal growth through an array of academic, career and lifelong learning programs.

At CCRI, we are committed to building an inclusive and diverse campus community. We strive to hire and retain culturally competent faculty and staff members who reflect the demographics of our state and our increasingly diverse student population.

We believe that our diversity is our strength. We celebrate, support and thrive on the diverse experiences, backgrounds, and perspectives that are represented across our four campuses.

We are OneCCRI, working together to prepare learners to achieve their highest potential.

To learn about what employees value at CCRI and what it means to work here, please read about our Guiding Principles and watch videos of our employees doing what they do best:

<https://www.ccri.edu/equity/culture/guidingprinciples.html>

**JOB SUMMARY:**

Utilize proficiency in data analysis/analytics and visualization to enhance CCRI's analytic capacity. While working directly with stakeholders, the Data Scientist will transform, analyze, package and present data to inform policy and research. Use strong quantitative and analytical skills to work collaboratively with internal and external teams to create data visualizations, dashboards, and reports to extract insights. Provide leadership on data product development and administrative duties to ensure timely, accurate, high quality project deliverables. Build and maintain relationships with various stakeholders, assist with project strategy and development, and support the other staff members of the office. Maintain and share working knowledge of

datasets, projects, and relevant local and national policies and best practices with staff, faculty, etc.

## **ESSENTIAL DUTIES AND RESPONSIBILITIES:**

Work with a large volume of data, linking databases and datasets, to effectively inform stakeholders. To be responsible for a full range of data analysis requirements including developing research methodology, implementing appropriate statistical techniques, managing a number of projects, and processing and reporting on data accurately. Perform data management activities including dataset documentation. Use longitudinal data to produce a variety of compelling products (reports, charts, maps, visualizations) in formats appropriate for a variety of audiences. Produce both technical and informal writings about data. Maintain deep and up-to-date knowledge of the internal datasets and data systems. Troubleshoot data inconsistencies within projects, administrative and scientific datasets, and workflow. Provide high-quality, relevant, and timely data and reports to all customers.

Lead teams of colleagues on specific projects (i.e. data story development). Under the direction of the Director of Institutional Research and Assessment, monitor project, scope, deliverables, etc. against project plan. Assist with new employee training, orientation, professional and skill development as requested. Provide insight and operational support to the Director of Institutional Research and Assessment as requested. Coordinate with the Information Technology team on software and product-related efforts providing additional support as needed to build new tools, data products, and indicators. Meet with stakeholders to explore and analyze data related to key questions. Coordinate with supervisor on priorities. Assist with minor office and administrative tasks.

Advance office's mission. Strategize about new projects. Participate in organizational/departmental strategic planning and implementation. Present about tools, information, data products, and findings at local and national meetings and conferences. Contribute to social media and other outreach and dissemination activities.

Demonstrate a commitment to the philosophy and mission of a comprehensive community college.

Work collaboratively with others in a diverse and inclusive environment.

Other duties as required.

## **QUALIFICATIONS:**

### **REQUIRED:**

- 1) Master's degree.
- 2) Demonstrated experience querying and processing large data sets.
- 3) Demonstrated experience analyzing and reporting on large data sets.
- 4) Demonstrated ability to tell stories with data using data visualization software or other reporting/BI tools (such as Tableau, PowerBI, ArcGIS, etc.).
- 5) Demonstrated experience in programming/scripting languages and statistical software (such as R, Python, or other programming language).

- 6) Demonstrated strong verbal and interpersonal communication skills.
- 7) Demonstrated proficiency in written communication skills.
- 8) Demonstrated ability to communicate advanced analytical concepts and complex quantitative analysis in a concise, clear and actionable manner.
- 9) Demonstrated ability to respond to changing priorities and ensure timely, accurate deliverables.
- 10) Demonstrated ability to work with diverse groups/populations.

**PREFERRED:**

- 1) Minimum of two years of experience in quantitative and qualitative research, statistical analysis, reporting, and/or data analysis of large, longitudinal data sets.
- 2) Demonstrated experience in manipulating and analyzing complex, high-volume, high-dimensionality data from varying sources.
- 3) Demonstrated experience with intermediate statistical methods.
- 4) Demonstrated familiarity with diverse data analytics tools.
- 5) Demonstrated project management experience.
- 6) Demonstrated knowledge of database & data management concepts.

**LICENSES, TOOLS AND EQUIPMENT:**

Personal computers and printers; word processing, database management, and project management software

**CCRI is an Equal Opportunity / Affirmative Action Employer.**

We recognize that diversity and inclusivity are essential to creating a dynamic, positive and high-performing educational and work environment. We welcome applicants who can contribute to the College's commitment to excellence created by diversity and inclusivity.

CCRI prohibits discrimination, including harassment and retaliation, on the basis of race, color, national or ethnic origin, gender, gender identity or expression, religion, disability, age, sexual orientation, genetic information, marital status, citizenship status or status as a protected veteran. Inquiries or complaints concerning discrimination shall be referred to the College's Title IX Coordinator at: [TitleIXCoordinator@ccri.edu](mailto:TitleIXCoordinator@ccri.edu).

The Jeanne Clery Act requires institutions of higher education to disclose campus policy statements and crime statistics. Our annual report is available here: <https://ccri.edu/campuspolice/pdfs/ASR-Final-92019.pdf>

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