

Lilah Kulkarni

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SUMMARY

Criminal justice research specialist with six years of professional experience leading applied studies, program evaluations, recidivism analysis, and data quality improvement. Work spans **research questions**, sampling plans, SQL extraction, validation, statistical methods, testing, interpretation, and technical reporting. Experience includes evaluating **program fidelity**, reentry, **violence prevention**, substance use, **academic programming**, risk assessment quality assurance, and administrative justice data. Partners with administrators, analysts, community organizations, and justice practitioners to clarify evidence needs and convert findings into practical recommendations. Communicates limitations, data concerns, methods, and outcomes in clear language for technical and operational audiences. Advanced preparation in applied statistics supports sound study design and defensible analysis. Brings focused research leadership, careful documentation, and useful evidence for decisions that strengthen programs and reduce reoffense risk.

EXPERIENCE

Senior Criminal Justice Research Analyst

July 2024 - Present

Civic Pathways Research Institute

Ann Arbor, MI

- Leads **criminal justice research**, evaluation, SQL extraction, risk assessment quality assurance, and program fidelity work. Advises partners through **study design**, testing, interpretation, and implementation planning.
- Led **recidivism** evaluations using SQL extraction and documented study designs for stakeholder decisions.
 - Validated **risk assessment** outputs, resolved data defects, and maintained traceable **quality assurance** records.
 - Reviewed **program fidelity** evidence and translated findings into practical procedural recommendations for administrators.
 - Coordinated analysts and justice partners around research questions, testing criteria, risks, and delivery decisions.
 - Produced technical reports explaining methods, limitations, outcomes, and operational implications for leadership review.

Research Analyst

June 2022 - June 2024

Midwest Reentry Evaluation Collaborative

Lansing, MI

- Managed evaluations involving reentry, violence prevention, substance use, and **academic programming**. Linked justice records, assessed program delivery, and communicated evidence for operational improvement.
- Designed reentry evaluations using linked justice records, **sampling** plans, and defensible **statistical methods**.
 - Analyzed **violence prevention** and substance use programming, identifying findings relevant to **reoffense risk**.
 - Tested education program data, documented quality issues, and verified corrective actions before reporting.
 - Consulted program leaders and community partners on study scope, evidence limits, and **recommendations**.
 - Prepared concise technical reports connecting evaluation results with program and procedural improvements.

Research Associate

October 2020 - May 2022

Great Lakes Policy Lab

East Lansing, MI

- Supported applied **research design**, sampling review, SPSS analysis, data dictionaries, and statistical reporting. Converted complex findings into clear materials for policy and program audiences.
- Built sampling reviews and **data dictionaries** that clarified study populations, variables, and limitations.
 - Applied **SPSS** analysis to administrative datasets and checked outputs against documented research methods.
 - Reviewed **research reports** for design quality, statistical **interpretation**, and appropriate evidence claims.
 - Coordinated stakeholder feedback, revised technical materials, and resolved questions before final delivery.
 - Presented statistical findings in plain language for policy leaders and program administrators.

Junior Research Analyst

October 2018 - September 2020

Northwoods Social Research Center

Kalamazoo, MI

- Performed **administrative data** cleaning, SQL extraction, descriptive analysis, literature review, and methods documentation. Supported senior researchers with reliable datasets and clear research records.
- Cleaned administrative justice data and documented validation checks before descriptive analysis.
 - Wrote **SQL** queries that extracted study records from structured operational databases for analysts.
 - Reviewed research literature and summarized methods relevant to justice **program evaluation**.
 - Created methods documentation covering data sources, extraction steps, testing, and analytical decisions.
 - Flagged **data quality** concerns early, helping senior researchers refine study scope and reporting.

PROJECTS

Recidivism and Program Fidelity Evaluation 📅 2024

Evaluated program delivery and reoffense outcomes through linked justice data, SQL extraction, quality checks, and statistical interpretation.

Risk Assessment Quality Assurance Framework 📅 2023

Structured review procedures for a static risk assessment instrument, including output testing, defect tracking, documentation, and stakeholder review.

LEADERSHIP & AWARDS

- Certified Analytics Professional recognition, 2025
- Research quality leadership recognition for justice evaluation work, 2024
- Graduate achievement in applied statistics and research methods, 2018

EDUCATION

Master of Science in Applied Statistics
Western Michigan University GPA: 4.0
Coursework: Statistics, research methods, sampling, statistical modeling

2018
Kalamazoo, MI

Bachelor of Arts in Sociology
Central Michigan University GPA: 4.0
Coursework: Social research, criminology, demographics, program analysis

2016
Mount Pleasant, MI

CERTIFICATIONS

- Certified Analytics Professional 📅 2025
- Human Subjects Research, CITI Program 📅 2026

TECHNICAL SKILLS

- **SQL and Databases:** SQL queries, relational databases, data extraction
- **Statistical Software:** R, SPSS, descriptive statistics
- **Research Design:** Sampling design, study design, research questions
- **Program Evaluation:** Program fidelity, outcome evaluation, process evaluation
- **Justice Research:** Recidivism, reentry, parole guidance
- **Data Quality:** Validation, data dictionaries, quality controls
- **Risk Assessment:** Static instruments, classification, quality assurance
- **Technical Reporting:** Methods documentation, statistical reports, findings interpretation
- **Research Testing:** Output testing, defect review, verification
- **Subject Areas:** Violence prevention, substance use, academic programming

SKILLS

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|-----------------------|------------------------|----------------------------|------------------------|
| • Program evaluation | • SQL | • Program fidelity | • Data extraction |
| • Recidivism analysis | • Statistical analysis | • Technical reporting | • Research methods |
| • Research design | • Data quality | • Stakeholder consultation | • Statistical software |
| • Sampling | • Risk assessment | • Quality assurance | |

PROFESSIONAL AFFILIATIONS

- Member, American Society of Criminology
- Member, American Statistical Association
- Participant, Michigan justice research collaboration network

LANGUAGES

- English (Native)
- Marathi (Proficient)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST