

Ngoc Ballard

Data Analyst, Healthcare Analytics

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SUMMARY

Data Analyst with four years of experience applying SQL, R, statistical methods, and **business intelligence** practices within healthcare data environments. Analyzes **relational databases**, transforms complex datasets, evaluates program outcomes, and prepares findings that support healthcare decisions. Builds Tableau dashboards, reports, and clear documentation for technical and business audiences. Develops R workflows for **statistical evaluation**, validates data inputs, and reviews predictive analytics and risk assessment outputs. Work connects careful data preparation with practical program insight, helping stakeholders see operational trends and act on reliable evidence. Collaborative communication supports shared decisions across analytics and program teams. This background can contribute useful **healthcare analytics**, reporting, visualization, and data quality experience to an organization focused on informed program improvement.

EXPERIENCE

Data Analyst, Healthcare Analytics

Pinecrest Health Analytics 📅 July 2022 - Present 📍 Denver, CO

Supports healthcare analytics programs through relational database querying, statistical evaluation, reporting, visualization, and predictive analytics review. Partners with program stakeholders to turn complex data into practical findings that guide operational decisions and **risk assessment** work.

- Analyzed healthcare datasets with SQL and R, revealing operational trends for program stakeholders.
- Created relational database queries with **SQL**, producing transformed data for analytical reporting.
- Developed **R** workflows for **statistical evaluation**, giving teams clearer evidence for program decisions.
- Built Tableau dashboards from healthcare data, making performance findings easier for stakeholders to interpret.
- Prepared analytical reports and method documentation, clarifying assumptions, results, and data quality considerations.
- Validated **predictive analytics** inputs and reviewed risk assessment outputs, supporting dependable **healthcare program decisions**.

PROJECTS

Healthcare Program Outcomes Analysis 📅 2024

Evaluated healthcare program datasets with SQL and R, then presented statistical findings through Tableau views and concise reports. Work connected operational trends with program outcomes, giving stakeholders a practical basis for review and planning.

LEADERSHIP & AWARDS

- Recognized by healthcare analytics peers for clear reporting and practical data interpretation.
- Selected by project stakeholders to explain statistical findings and data quality considerations.
- Earned positive stakeholder feedback for useful Tableau views and accessible analytical documentation.

EDUCATION

Bachelor of Science in Data Analytics

University of Colorado Denver 🎓 GPA: 4.0 📅 2022 📍 Denver, CO

Coursework: SQL, R programming, statistical analysis, healthcare data management

CERTIFICATIONS

- Google Data Analytics Professional Certificate 📅 2023
- SQL for Data Analysis Certificate 📅 2023

TECHNICAL SKILLS

- **Query Languages:** SQL, R, relational database queries
- **Business Intelligence:** COGNOS, TOAD, Tableau
- **Data Visualization:** Tableau dashboards, performance views, visual summaries
- **Statistical Analysis:** Statistical evaluation, statistical methods, R workflows
- **Healthcare Analytics:** Healthcare datasets, program outcomes, health program evaluation
- **Database Systems:** Relational databases, data extraction, data transformation
- **Predictive Analytics:** Predictive analytics, risk assessment, output review
- **Reporting Tools:** Analytical reports, reporting workflows, stakeholder reports
- **Data Quality:** Data validation, data inputs, quality documentation

- **Analytics Documentation:** Methods documentation, assumptions, results documentation

SKILLS

- SQL
- TOAD
- Data Querying
- Business Intelligence
- R
- Data Visualization
- Relational Databases
- Program Evaluation
- Tableau
- Statistical Analysis
- Predictive Analytics
- Analytical Reporting
- COGNOS
- Healthcare Analytics
- Risk Assessment

PROFESSIONAL AFFILIATIONS

- Healthcare analytics peer collaboration focused on program outcomes and data quality.
- Data analytics community participation centered on SQL, R, reporting, and visualization.

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST