

Luke Acosta

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SUMMARY

Recent **Data Science** graduate with hands-on experience collecting, cleaning, validating, and interpreting operational datasets for **business intelligence** and reporting. Built **Microsoft Power BI** dashboards, MySQL queries, Excel workflows, and recurring performance reports from multi-source data. Applied descriptive statistics, trend analysis, reconciliation checks, and documented assumptions across student services, retail, and campus dining studies. Presented findings clearly to faculty and nontechnical audiences, connecting data insights with practical recommendations. Careful documentation and structured problem solving supported reliable analysis across **large datasets**. Ready to contribute to senior-led analytics projects, communicate useful findings, and help Northstar Metrics Group turn organized data into sound business decisions.

EDUCATION

Bachelor's Degree in Data Science
Canyon Ridge University GPA: 3.8
Coursework: Statistics, SQL Database Analysis, Data Visualization, Business Intelligence

2026
Mesa, AZ

TECHNICAL SKILLS

- **Business Intelligence:** Power BI, dashboard development, performance reporting
- **Database Systems:** MySQL, relational databases, database extracts
- **SQL Development:** Joins, subqueries, CASE expressions
- **Data Preparation:** Data cleaning, deduplication, field mapping
- **Statistical Analysis:** Descriptive statistics, trend analysis, summary measures
- **Data Visualization:** Power BI visuals, slicers, drilldowns
- **Spreadsheet Analysis:** Microsoft Excel, formulas, reconciliation
- **Programming:** Python, data transformation, type checks
- **Data Quality:** Validation checks, control totals, sample testing
- **Reporting Documentation:** Change logs, assumptions, methodology documentation
- **Business Reporting:** Weekly reports, monthly reports, operational metrics
- **Presentation Tools:** Faculty presentations, recorded presentations, visual storytelling

SKILLS

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|-----------------------|----------------------|--------------------------|----------------------|
| • Data collection | • MySQL | • Descriptive statistics | • Quality checks |
| • Data cleaning | • Excel | • Trend analysis | • Problem solving |
| • SQL querying | • Python | • Performance reporting | • Data communication |
| • Power BI dashboards | • Data visualization | • Data validation | |

EXPERIENCE

Data Analyst Intern
Desert State University Analytics Lab

January 2026 - May 2026
Tempe, AZ

Supported faculty-sponsored analytics studies by preparing student services data, building Power BI reporting, writing MySQL queries, and presenting validated findings.

- Prepared 48,000 student-service rows through standardization, deduplication, and documented missing-data treatment.
- Wrote **MySQL** joins and date filters for appointment, referral, and resolution **reporting**.
- Built Power BI views for service volume, response time, and monthly trend review.
- Applied descriptive **statistics** to compare academic-term patterns and flag high-volume categories.
- Reconciled dashboard totals with extracts using row counts and sample checks.
- Presented data limitations and recommendations to a five-member faculty review group.

Business Intelligence Data Analyst Practicum
Canyon Ridge University

August 2025 - December 2025
Mesa, AZ

Analyzed simulated retail operations through SQL, MySQL, Power BI, and documented reporting controls that supported weekly performance review and planning discussions.

- Analyzed 72,000 retail transactions for product, region, and monthly performance patterns.
- Combined CSV files with MySQL extracts and documented consistent business field definitions.

- Developed Power BI reports with summary cards, trends, drilldowns, and review filters.
- Used SQL subqueries and CASE expressions to investigate declining product segments.
- Tested report logic against control totals and maintained a change log.
- Connected observed **trends** with inventory review and promotional planning considerations.

Academic Data Analyst

January 2025 - May 2025

Canyon Ridge University Data Analytics Capstone

Mesa, AZ

Led a supervised campus dining analysis using survey, point-of-sale, and operating-schedule data, producing a privacy-conscious dashboard and documented methodology.

- Defined an analysis plan for campus dining utilization across multiple source systems.
- Cleaned 18,500 records in Excel and Python using type and duplicate checks.
- Aggregated traffic by weekday, meal period, location, and student classification.
- Produced a Power BI prototype for volume trends and location comparisons.
- Validated calculated fields through manual samples and source-total reconciliation.
- Presented methodology and limitations to a four-person faculty panel.

PROJECTS

Multi-Source Performance Reporting Study 📅 2026

Created a repeatable reporting workflow combining MySQL extracts, validation checks, descriptive statistics, and Power BI visuals for operational review.

Campus Dining Utilization Analysis 📅 2025

Merged survey, point-of-sale, and schedule records into a privacy-conscious analysis with trend comparisons and documented exclusion rules.

LEADERSHIP & AWARDS

- Dean's List, Canyon Ridge University, Fall 2025 and Spring 2026
- Outstanding Capstone Presentation Award, Canyon Ridge University, 2025
- Data Visualization Challenge Finalist, Canyon Ridge University, 2025

CERTIFICATIONS

- Microsoft Learn: Power BI Data Analyst Learning Path 📅 2026
- Google Data Analytics Professional Certificate 📅 2025

PROFESSIONAL AFFILIATIONS

- Dashboard Workshop Coordinator, Student Data Analytics Association, 2025-2026
- Statistics Tutor, Canyon Ridge University Peer Tutoring Center, 2025-2026

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST