Barbara D. Morrison

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SUMMARY
Junior Data Analyst with a background in teaching math/science and quality control auditing in an electronic manufacturing environment. Experience in communicating with engineering and manufacturing to solve quality issues.

DATA ANALYSIS PROJECTS
Flu Season Staffing Needs
- Determined months and US hospital locations that needed temporary medical staff for the upcoming flu season
- Analyzed datasets to find trends, relationships and insights
- Created Tableau dashboard for presentation to stakeholders
- Forecasting

Rockbuster Online Movie Rental Marketing Strategy
- Made recommendations for marketing strategy
- Loaded data into relational database management system
- Created a data dictionary with ERD
- Used SQL to write queries, subqueries and CTEs

Instacart Customer Analysis
- Compared customers' purchasing behaviors
- Joined 5 datasets to interpret data

PROFESSIONAL CERTIFICATIONS
Data Analytics Bootcamp: Career Foundry (Jan 2024 – Jan 2025)
Teaching Certificates: Math & Physical Science – Grades 6 - 12

WORK EXPERIENCE

Lamar State College Orange   Orange, TX
Gator Success Center Specialist   *Jul '16-Dec '23*

- Tutored statistics, math, chemistry, anatomy & physiology.
- Developed visual aids; If students regularly attended my study sessions, they typically raised their grades ½ to a full letter grade higher than when they started
- Received several years of above average performance reviews

ADDITIONAL EXPERIENCE

Flextronics   Austin, TX
Quality Control Auditor

- Designed interactive Excel worksheets to aid the auditors when auditing processes and inspecting boards - which saved time for the auditors
- Helped find quality problems with motherboard assembly; Communicated with engineers and manufacturing personnel to help solve problems

Applied Materials   Austin, TX
Industrial Engineer

- Made configurations to packaging database to facilitate the kitting and shipping of parts to the customer; maintained consistent packaging methodology; Analyzed the annual configuration changes and presented the significant data in graphical form

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EDUCATION
Data Analytics Bootcamp: Career Foundry (Jan 2024 – Jan 2025)
B.S in Biomedical Engineering Texas A&M Univ; College Station, TX

SKILLS
Microsoft Office (Excel) | Tableau | Statistical Hypothesis Testing | Data Integration & Transformation
SQL | Tableau | Lucid for ERD | Joining Tables | Python/Jupyter | Visualization with Python
Data Prep | Data Visualization | Scatterplots | Regression Analysis | Cluster Analysis | Time Analysis