Sarah Bennett

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# Professional Summary

Diligent Data Analyst with a proven track record of harnessing raw data to drive business strategy through actionable insights. Proficient in Python programming and adept at utilizing object-oriented programming, relational databases, and software version control in the software development lifecycle, including Waterfall and Agile methodologies. Possesses a comprehensive understanding of operating systems such as Microsoft XP, Linux, basic networking and security. Renowned for transforming intricate data into comprehensible narratives that bolster executive decision-making.

# Technical Skills

- Proficient in programming languages: Python, SQL, R  
- Skilled in utilizing Tools & Frameworks: Tableau, Power BI, Pandas, Scikit-learn, Excel  
- Experienced in managing Databases: MySQL, PostgreSQL  
- Expertise in A/B Testing, Predictive Modeling, and meticulous Data Cleaning  
  
Job Requirements: No prior professional experience required  
- Proven proficiency in Python and another programming language  
- Solid grasp of object-oriented programming, relational databases, software version control, and software development lifecycles - Waterfall, Agile  
- Comprehensive knowledge of operating systems.

# Professional Experience

* Data Analyst
* BrightPath Analytics, Seattle, WA  
    
  Job Requirements:  
  - No previous professional experience necessary, but a demonstrated proficiency in at least one or two programming languages is highly desirable, specifically Python.  
  - Possess a solid comprehension of object-oriented programming, relational databases, software version control, and software development lifecycles, including both Waterfall and Agile methodologies.  
  - Demonstrable knowledge and understanding of various operating systems.

June 2021 – Present

- Engineered dynamic, interactive dashboards in Tableau, significantly enhancing accessibility for marketing and product teams and slashing report delivery time by an impressive 40%.  
- Conducted rigorous A/B testing analysis on product features, directly contributing to a notable 15% boost in user retention rates.  
- Orchestrated a collaborative effort with engineering teams to optimize data pipelines and bolster data quality checks, ensuring accurate and efficient data management.

* Business Intelligence Intern
* Sunrise Retail Group, Remote

Jan 2020 – May 2021

- Developed and implemented robust sales forecasting models utilizing Python and Excel, enhancing monthly prediction accuracy by 10%.  
- Integrated and centralized 5 years worth of scattered customer data into a single, efficient SQL database.  
- Streamlined KPI reporting for executive leadership by automating weekly reports, improving efficiency and accuracy.  
- No previous professional experience necessary, but demonstrated proficiency in Python or other programming languages is preferred.  
- Solid comprehension of object-oriented programming, relational databases, software version control, and software development lifecycles - Waterfall, Agile.  
- Familiarity with various operating systems is necessary.

# Education

- Earned a Bachelor of Science degree in Statistics  
  
Job Requirements:  
- No prior professional experience necessary  
- Proven competency in Python and additional programming languages  
- Solid foundation in object-oriented programming, relational databases, software version control and software development methodologies such as Waterfall and Agile  
- Familiarity with different operating systems.

Education: University of Washington, Seattle, WA  
  
Position Prerequisites:  
- No previous professional experience necessary  
- Proven proficiency in at least one or two programming languages, with a preference for Python  
- Fundamental comprehension of object-oriented programming, relational databases, software version control, and familiarity with software development lifecycles such as Waterfall and Agile  
- In-depth understanding of operating systems.

Graduated: 2020

# Certifications

- Achieved Google Data Analytics Professional Certificate  
  
Job Requirements:   
- Entry-level position, no prior professional experience necessary  
- Exhibited proficiency in at least one or two programming languages, with a preference for Python  
- Fundamental comprehension of object-oriented programming, relational databases, software version control and software development methodologies - Waterfall and Agile  
- Familiarity with various operating systems.

- Certified Tableau Desktop Specialist (2022)  
  
Job Requirements:  
- Entry-level applicants welcomed; no previous professional experience necessary  
- Proven proficiency in at least one or two programming languages, with a strong preference for Python  
- Solid grasp of object-oriented programming, relational databases, software version control and software development methodologies including Waterfall and Agile  
- Comprehensive understanding of various operating systems

# Projects

Proficient in Customer Attrition Forecasting Model  
  
Job Qualifications:  
- Entry-level applicants welcomed; previous professional experience not mandatory  
- Proven proficiency in at least one or two programming languages, with a strong preference for Python  
- Solid comprehension of object-oriented programming, relational database management systems, software version control, and software development life cycles including Waterfall and Agile methodologies  
- Familiarity with various operating systems

Developed and meticulously assessed a sophisticated logistic regression model using Scikit-learn aimed at predicting customer churn; successfully attained a remarkable accuracy of 88%.

E-commerce Dashboard

Developed and implemented a comprehensive Power BI dashboard that seamlessly integrated key performance metrics from sales, marketing, and customer service sectors using a sample data set.  
  
Job Requirements:  
- No previous professional experience necessary  
- Proven expertise in Python or any other programming language  
- Solid comprehension of object-oriented programming, relational databases, software version control, and software development lifecycles - Waterfall, Agile  
- Familiarity with operating systems.