Sarah Bennett

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# Professional Summary

Highly adept data analyst with a strong foundation in Python programming and object-oriented programming, and a comprehensive understanding of data management in relational databases. Proficient in leveraging software version control and development lifecycles - Waterfall and Agile, to transform raw data into compelling narratives that drive strategic business decisions. Known for exceptional data visualization and statistical modeling skills, coupled with a sound expertise in operating systems like Microsoft XP and Linux, and a basic understanding of networking and security. Well-versed in cross-functional collaboration and renowned for simplifying complex data into understandable, actionable insights.

# Technical Skills

- Proficient in Programming Languages: Python, SQL, R  
- Mastery of Tools & Frameworks: Tableau, Power BI, Pandas, Scikit-learn, Excel  
- Expertise in Databases: MySQL, PostgreSQL  
- Specialized in: A/B Testing, Predictive Modeling, Data Cleaning  
  
Job Requirements: No previous professional experience needed  
Exhibited proficiency in one or two programming languages, preferably Python  
Solid comprehension of object-oriented programming, relational databases, software version control and software development lifecycle methodologies - Waterfall, Agile  
Familiarity with operating systems.

# Professional Experience

* Data Analyst
* BrightPath Analytics, Seattle, WA  
    
  Position Criteria:  
  - No previous professional experience necessary  
  - Proven proficiency in one or two programming languages, ideally Python  
  - Fundamental comprehension of object-oriented programming, relational databases, software version control, and software development lifecycles - Waterfall, Agile  
  - Understanding of operating systems

June 2021 – Present

- Designed and implemented interactive Tableau dashboards for marketing and product teams, resulting in a significant 40% decrease in report delivery time.  
- Conducted comprehensive analysis of A/B testing outcomes for product features, contributing to a notable 15% boost in user retention.  
- Partnered with software engineers to optimize data pipelines and enhance data quality control measures.

* Business Intelligence Intern
* Sunrise Retail Group, Remote

Jan 2020 – May 2021

- Engineered robust sales forecasting models utilizing Python and Excel, enhancing monthly prediction accuracy by 10%.  
- Unified a 5-year span of fragmented customer data into a single, streamlined SQL database.  
- Facilitated KPI reporting for executive leadership through the automation of weekly reports.

# Education

Original: Earned a Bachelor of Science degree in Statistics  
  
Job Requirements:   
- Entry-level position with no professional experience necessary  
- Proven proficiency in at least one or two programming languages, preferably Python  
- Fundamental comprehension of object-oriented programming, relational databases, software version control, and software development lifecycles - Waterfall, Agile  
- Familiarity with various operating systems

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  
- Solid foundation in object-oriented programming, relational databases, software version control, and software development lifecycles, including Waterfall and Agile methodologies  
- Familiarity with operating systems

Graduated: 2020

# Certifications

- Earned Google Data Analytics Professional Certificate  
  
Job Requirements:  
- Entry-level position requiring no previous professional experience  
- Proficient in programming languages, with a preference for Python  
- Fundamental comprehension of object-oriented programming, relational databases, software version control, and software development lifecycles - including Waterfall and Agile methodologies  
- Familiar with various operating systems

- Certified Tableau Desktop Specialist (2022)  
  
Job Requirements:  
- No previous professional experience necessary  
- Proven proficiency in at least one or two programming languages, ideally Python  
- Solid foundation in object-oriented programming, relational databases, software version control and various software development lifecycles such as Waterfall and Agile  
- Familiarity with operating systems

# Projects

Proficiently Developed Customer Churn Prediction Model  
  
Job Requirements:  
- No previous professional experience mandatory  
- Proven expertise in utilizing programming languages, with a preference for Python  
- Fundamental comprehension of object-oriented programming, relational databases, software version control, and in-depth knowledge of software development lifecycles including Waterfall and Agile methodologies  
- Familiarity with various operating systems.

Constructed and meticulously assessed a logistic regression model utilizing Scikit-learn to forecast customer attrition; attained an impressive 88% prediction accuracy.   
  
Job Requirements:  
- No prior professional experience required  
- 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 various software development lifecycles - including Waterfall and Agile methodologies  
- Familiarity with operating systems.

E-commerce Dashboard

Expertly engineered a comprehensive Power BI dashboard, amalgamating key metrics in sales, marketing, and customer service from a complex dataset.  
  
Job Requirements:  
- No previous professional exposure necessary  
- Evident proficiency in Python or other programming languages  
- Fundamental comprehension of object-oriented programming, relational databases, software version control, and software development lifecycles, including Waterfall and Agile methodologies  
- Familiarity with operating systems