Charles Bloomberg

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PROFESSIONAL SUMMARY

Experienced Data Scientist with a strong background in Python programming, advanced analytics, and machine learning. Proven track record of driving data-driven decisions and building scalable models to solve complex business problems.

PROFESSIONAL EXPERIENCE

Senior Data Scientist | Company A

January 2022 — Present, Seattle, USA

- Developed predictive models using Python and scikit-learn, reducing product return rates by 15% over 6 months
- Directed a team of 5 data scientists in building a customer segmentation model, increasing marketing campaign effectiveness by 25%
- Designed and implemented ETL processes using AWS Glue and Python, improving data processing efficiency by 40%
- Engineered a recommendation engine with collaborative filtering techniques that boosted cross-sell conversion rates by 20%
- Optimized algorithms using hyperparameter tuning and grid search, enhancing model accuracy by 10%

Data Scientist | Company B

June 2018 — December 2021, Redmond, USA

- Built and deployed natural language processing (NLP) models using Python and TensorFlow to automate customer support, decreasing response time by 30%
- Led the initiative to integrate machine learning models into cloud-based applications using Azure ML, driving a 5% increase in overall efficiency
- Collaborated with cross-functional teams to identify data quality issues and ensure data integrity, resulting in a 12% increase in data accuracy
- Created interactive dashboards using Power BI to visualize key business metrics, facilitating decision-making across multiple departments

Junior Data Scientist | Company C

March 2015 — May 2018, Boston, USA

- Formulated machine learning models using Python and pandas to predict customer churn, achieving an 85% prediction accuracy
- Assisted in data preprocessing and feature engineering tasks, improving model performance by 18%
- Produced detailed analytical reports using Jupyter Notebooks, enabling stakeholders to make data-driven decisions

Data Analyst | Company D

June 2012 — February 2015, Chicago, USA

- Analyzed large datasets using SQL and Python, generating insights that led to a 10% cost reduction
- Created and maintained dashboards using Tableau, providing real-time data visualizations for key business metrics
- Researched and implemented statistical methods to analyze market trends, enhancing forecasting accuracy by 15%

EDUCATION

Master of Science in Data Science | University of California, Berkeley

May 2012

EXPERT-LEVEL SKILLS

Python, Machine Learning, Data Analysis, Statistical Modeling, NLP, TensorFlow, Scikit-learn, SQL, ETL, AWS, Azure ML, Pandas, Jupyter Notebooks, Visualization, Power BI, Tableau, Team Leadership, Data Quality, Analytical Reporting