

Jane Doe

Data Scientist

Summary

- Highly analytical and results-driven **Data Scientist** with **5+ years** of experience in building, deploying, and maintaining predictive models and advanced machine learning algorithms.
- Expertise in the full data science lifecycle, including data collection, cleaning, feature engineering, modeling (e.g., deep learning, NLP, time series), validation, and MLOps.
- Proficient in **Python** (Pandas, scikit-learn, TensorFlow, PyTorch) and **SQL**, with a strong background in statistics and cloud computing platforms (AWS/GCP).

Experience

Skills

Programming **Python** (Pandas, NumPy, scikit-learn, PyTorch, TensorFlow), **SQL**, R, Bash

ML/Statistics Supervised/Unsupervised Learning, Deep Learning, Time Series, **NLP**, Hypothesis Testing, A/B Testing

Big Data/Cloud **Apache Spark**, Hadoop, PySpark, **AWS** (S3, EC2, SageMaker), GCP, Docker, Kubernetes

Tools PostgreSQL, MySQL, Git, Jupyter Notebooks, Tableau, Power BI

Projects

Customer Segmentation Model Applied **K-means clustering** and **PCA** in Python to segment customer base into four distinct groups, resulting in a **20% improvement** in marketing campaign ROI.

Forecasting Stock Prices with LSTMs Developed a **Long Short-Term Memory (LSTM)** neural network model using **PyTorch** to forecast stock price movements, achieving lower RMSE than traditional methods.

Education

2018 **M.S. Data Science**, University of California, Berkeley, Berkeley, CA

2016 **B.S. Computer Science**, University of Texas at Austin, Austin, TX

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