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**Professional Summary**

Data Scientist with **2 years of experience** in machine learning, data analytics, and statistical modeling. Skilled in Python, SQL, and big data technologies, with a track record of building scalable predictive models and deriving actionable insights. Experienced in deploying machine learning solutions for business problems, optimizing performance, and working with cross-functional teams. Passionate about leveraging data to drive strategic decision-making.

**Skills**

**Technical Skills:**

* Programming: Python, R, SQL
* Machine Learning: Scikit-learn, TensorFlow, Keras
* Data Analysis: Pandas, NumPy, Matplotlib, Seaborn
* Big Data Tools: Spark, Hadoop
* Database Management: MySQL, MongoDB, PostgreSQL
* Data Visualization: Tableau, Power BI
* Cloud Platforms: AWS (S3, EC2, Lambda), Google Cloud (BigQuery)

**Soft Skills:**

* Problem-solving
* Analytical Thinking
* Communication & Collaboration
* Attention to Detail

**Work Experience**

**Data Scientist**  
ABC Analytics, Mumbai | Jan 2023 – Present

* Developed machine learning models for customer segmentation, leading to a **15% increase in marketing efficiency**.
* Implemented NLP techniques to analyze customer reviews, improving sentiment classification accuracy by **20%**.
* Automated ETL pipelines using Python and SQL, reducing data processing time by **30%**.

**Data Analyst**  
XYZ Technologies, Bengaluru | Jul 2021 – Dec 2022

* Conducted exploratory data analysis (EDA) on large datasets to identify trends and insights, influencing business strategy.
* Built predictive models for sales forecasting, increasing forecasting accuracy by **25%**.
* Designed interactive dashboards in Tableau to track key business metrics.

**Education**

**Master of Science in Data Science**  
Indian Institute of Science, Bengaluru | 2021

**Bachelor of Technology in Computer Science**  
Delhi Technological University, Delhi | 2019

**Certifications**

* IBM Data Science Professional Certificate | Coursera | 2023
* Google Data Analytics Certification | Google | 2022
* Machine Learning by Andrew Ng | Coursera | 2021

**Projects**

**1. Customer Churn Prediction**

* Developed a machine learning model using **Logistic Regression and Random Forest** to predict customer churn for a telecom company.
* Achieved **85% accuracy** and provided key insights to reduce customer attrition.
* Tools & Technologies: Python, Pandas, Scikit-learn, Matplotlib.

**2. Sentiment Analysis on Social Media**

* Developed a **Natural Language Processing (NLP) model** to analyze customer sentiments from Twitter data.
* Utilized **VADER and LSTM networks** to classify sentiments into positive, neutral, and negative.
* Tools & Technologies: Python, NLTK, TensorFlow, Twitter API.

**3. Sales Forecasting using Time Series Analysis**

* Implemented an **ARIMA and LSTM-based** forecasting model to predict sales trends for a retail chain.
* Increased forecasting accuracy by **20% compared to traditional methods**.
* Tools & Technologies: Python, Pandas, Statsmodels, Keras.

**Achievements & Awards**

* Winner of the **Hackathon on AI & Data Science**, conducted by IISc Bengaluru (2022).
* Published a research paper on **“Optimizing Machine Learning Algorithms for Large-Scale Datasets”** in the IEEE Journal.