Priyanka Sahani

Data Scientist

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Professional Summary

Data Scientist with over 2 years of hands-on experience working with data to solve real-world business problems. I specialize in data analytics, machine learning, and business intelligence, and I'm skilled at building end-to-end data pipelines that turn raw data into meaningful insights. I enjoy using tools like Python, SQL, Power BI, Tableau, and Excel to explore data and uncover patterns that help teams make smarter decisions. With a solid background in machine learning, NLP, and ETL processes, I'm passionate about using data to drive impact, improve efficiency, and tell clear, actionable stories.

Technical Skills

- **Programming & ML Libraries**: Python (Pandas, NumPy, Scikit-learn, TensorFlow, Seaborn, Matplotlib), JavaScript
- **Data Handling & Databases**: SQL (PostgreSQL, MySQL), Excel (Advanced formulas, VBA, Macros), Google Sheets
- **Visualization & BI Tools**: Power BI, Tableau, Google Data Studio
- **Web & App Development**: HTML, CSS, React.js, Node.js
- **ML & Statistical Techniques**: Regression, Classification, Clustering, Time-Series Forecasting, Decision Trees, Random Forest, NLP, LLMs
- **Tools & Platforms**: Git/GitHub, ETL Tools, Jupyter, VS Code, Google Analytics, REST APIs

Core Competencies

- Machine Learning & Predictive Modeling
- Statistical Analysis & Hypothesis Testing
- Data Visualization & Storytelling
- Data Cleaning & Feature Engineering
- Business Intelligence & Reporting
- Process Automation & Workflow Optimization
- Agile Methodologies & Stakeholder Management

Professional Experience

Data Analyst
Alchemy Techsol Pvt. Ltd., Bengaluru
🗓 *Jan 2024 – Present*

- Designed and implemented advanced **dashboards** and reporting modules in Power BI for internal tools including **VMS, CRM, and Compliance** systems.
- Automated end-to-end reporting workflows, reducing manual effort by 40%.
- Integrated machine learning pipelines for internal forecasting and trend analysis, increasing forecasting accuracy by 25%.
- Collaborated with cross-functional teams to deliver actionable insights that improved decision-making efficiency.

Data Manager
New Era Global Academy, Jharkhand
⊞ *Mar 2021 – Dec 2022*

- Improved data accuracy by 15% through data governance frameworks and cleansing procedures.
- Analyzed student and financial data to identify patterns, increasing admission rates by 30%.
- Developed internal reporting tools that tracked key performance indicators (KPIs) across departments.
- Enhanced data security protocols and compliance tracking, reducing risk incidents by 30%.

Data Analyst Intern
VaulTedEdge Software Pvt. Ltd., Bengaluru
⊞ *Jan 2020 – Jul 2020*

- Analyzed large datasets using SQL, Python, and Excel, boosting operational efficiency by 15%.
- Developed automated reporting templates and quality checks, cutting report errors by 25%.
- Contributed to system enhancements that improved data integration speed by 20%.

Eduction

B.Tech in Electronics and Communication Engineering
RVS College of Engineering and Technology – Jamshedpur, Jharkhand
2014 – 2018

Certification

- **Data Science Foundation Certification** – IABAC, Bengaluru (2019 – Present)
- **Power BI and Data Visualization**

Project Highlights

- **Job Forecasting Model**: Built a logistic regression model to predict job vacancy trends using historical hiring data (Accuracy: 89%).
- **CRM Dashboard**: Created a real-time interactive Power BI dashboard for sales and client data used by leadership.
- **NLP Resume Classifier**: Developed a Python NLP model to classify resumes based on relevant skills and job fit.

Additional Engagement

- Conducted 10+ community learning workshops to promote data and tech awareness.
- CSR Initiative: Trained students and teachers in under-resourced schools on basic computing and data skills.
- Mentored interns and junior analysts in Python and SQL.