DIPAK SADASHIV WANERE

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PROFILE SUMMARY:

Data Science Professional with 4.5+ years of hands-on experience in **analytics, ML model development**, and campaign optimization in the CPG, retail, advertising, and healthcare domains. Expertise in **Python, SQL, PySpark, and cloud tools like Databricks and Azure**. Skilled in extracting and transforming complex datasets into actionable insights, building scalable ML pipelines, and driving measurable business outcomes. Strong communicator with a research-driven mindset and a track record of improving ROI through data science solutions.

WORK EXPERIENCE:

LTIMindtree Limited, Pune
Data Scientist - (May 2024 – present)

- Delivered deep analytical insights by analysing large-scale CPG and retail campaign datasets, enabling **20% performance uplift** in targeted shopper campaigns.
- Built **predictive ML models** using PySpark and scikit-learn for customer segmentation and sales forecasting, improving **marketing effectiveness by 15%**.
- Integrated consumer data from diverse cloud platforms (Azure, Databricks) using **SQL, Python**, and **PySpark**, supporting unified analysis and faster insight generation.
- Developed custom reports and dashboards in **Power BI** for campaign tracking, audience targeting, and strategic planning.
- Standardized documentation for key analytics processes and model deployments, ensuring reproducibility and smooth team collaboration.
- Led continuous improvement initiatives that streamlined reporting workflows and reduced manual effort by 25%.
- Collaborated with cross-functional teams to translate complex data insights into business strategies that resulted in measurable improvements to client outcomes

Key Technologies: Python (pandas, scikit-learn), PySpark, SQL, Power BI, Databricks, Azure, MS Excel, Predictive Analytics, ML Algorithms

EVERSANA India Pvt. Ltd, Pune
Analyst - (Sept 2023 – Jan 2024)

- Spearheaded data extraction, cleaning, and mapping for pharmaceutical datasets across 140+ countries, ensuring high data quality and compliance, enabling accurate reporting for global stakeholders.
- Led a team of analysts to streamline data processing workflows, reducing data handling time by 25% and delivering timely insights to support pharmaceutical marketing strategies.
- Built dynamic dashboards using **Power BI** that visualized key metrics, enabling leadership to make data-driven decisions, contributing to a 10% increase in market share for clients.
- Applied advanced statistical techniques and **Python** for data management and analysis, impacting client outcomes by identifying growth opportunities.

ICE Mortgage Technology, Pune
Data Analyst - (Aug 2020 – Aug 2023)

- Leveraged SQL, Python, and Tableau to execute end-to-end data extraction, validation, and analysis tasks, driving a 20% increase in operational efficiency through optimized resource allocation.
- Monitored and maintained **Salesforce**, **Kibana**, and **OSS** dashboards to support 30+ client processes, providing insights that improved decision-making and client satisfaction.
- Developed and deployed a resource allocation model using **predictive analytics**, boosting operational efficiency and delivering measurable business optimization.
- Applied **text analytics** to automate data extraction and analysis, achieving 97% accuracy, improving data quality, and enhancing process automation.

Key Technologies: SQL, Python (pandas, NumPy), Tableau, Salesforce, Kibana, Text Analytics, Predictive Analytics

CORE SKILLS & TECHNOLOGIES:

- **Languages:** Python (pandas, scikit-learn), SQL, PySpark
- **Analytics & ML:** Predictive Modeling, A/B Testing, Supervised & Unsupervised Learning, Segmentation, Time Series, Campaign Measurement
- **ML Engineering:** Model Development, Deployment, Monitoring, Feature Engineering, MLOps Basics, Claude AI
- **Data Handling:** Data Integration, ETL, Data Wrangling, Structured & Unstructured Data, Large-Scale Consumer datasets
- **Business Impact:** ROI Improvement, Campaign Optimization, Process Automation, Stakeholder Collaboration
- **Tools:** VS Code, MLflow, Salesforce, Bitbucket, Power BI, Tableau, Databricks, Azure, Git, MS Excel, AWS Fundamentals
- **Soft Skills:** Analytical Thinking, Cross-Functional Communication, Agile Delivery, Documentation

PROJECTS:

Development and Implementation of Agentic AI & LLM Solution

- Developed and deployed an Agentic AI system leveraging LLMs (e.g., GPT-4, **Claude**) to autonomously execute multi-step tasks, improving operational efficiency in data processing and insight generation by 30%.
- Designed custom LLM pipelines using tools like Langchain and OpenAI APIs for document summarization, data extraction, and intelligent decision-making workflows across enterprise use cases.
- Integrated LLMs with internal tools to build autonomous agents capable of real-time reasoning, memory management, and task planning, reducing manual intervention by 40%.
- Conducted prompt engineering, fine-tuning, and experimentation with model parameters to enhance accuracy, contextual understanding, and alignment with business-specific objectives.

Customer Performance Analysis Dashboard and Reporting

- Designed and implemented a machine learning-based strategy for data extraction, reducing processing time by 30%.
- Integrated data from multiple Azure sources using PySpark for model training.
- Analyzed customer data to identify key performance metrics, resulting in a 15% increase in customer retention and an 85% reduction in manual reporting efforts.

Campaign Performance Optimization for CPG Client
- **Optimized ad spend allocation** for a CPG client by analysing multi-channel campaign performance, improving ROI by 20%.
- **Developed predictive models** to forecast sales uplift, enhancing campaign strategies and increasing conversion rates by 15%.

RESEARCH INTEREST:

- Applied ML at scale, Adversarial ML, AutoML, Active Learning, Cybersecurity Data Analysis, ML model monitoring and robustness, Explainability

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CERTIFICATIONS:

- Azure Machine Learning MLOps Course (2025)
- Databricks Data Science Associate Couse (2025)
- Certified Data Scientist Course at DataMites (2022)

EDUCATIONAL DETAILS:

- Bachelor of Engineering in ENTC, Savitribai Phule Pune University, Pune (2019)
- Diploma in Electronics and Communication, Govt. Polytechnic Khamgaon, MSBTE (2015)