Anamay Deshpande

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WORK EXPERIENCE

Bold Street – *Data Analyst,* Phoenix, AZ   December 2023 – Present
- Developed interactive analytics dashboards in Tableau, providing insights into real estate pricing trends across 42,000+ postal codes and 300,000+ properties, improving market forecasting and understanding of sales trends
- Developed predictive using Python, feature engineering and advanced machine learning techniques, achieving 5% mean absolute error (MAE) to enhance property valuation accuracy and support product enhancements
- Optimized database performance by analyzing query inefficiencies and implementing indexing strategies, reducing query execution time by 10% and improving overall data accessibility for AI-powered analytics
- Led cross-functional collaboration with product managers, data team and stakeholders to integrate multiple data sources, design scalable models & streamline ETL pipelines, ensuring high-quality data for AI-driven features

Real Madrid Next – *Data Analyst,* Madrid, Spain   May 2023 – July 2023
- Led meetings with sports medicine experts and business stakeholders to define KPIs for injury management, resulting in insights that projected a 15% cost reduction and improved treatment efficacy
- Managed relational databases (PostgreSQL) and unstructured data storage (S3) to optimize analyses of 10+ GB of player records, partitioning data & ensuring data integrity, resulting in a 13% reduction in processing time
- Built dashboards in Looker Studio to track player performance & injury trends, integrating data from multiple sources and reducing manual reporting time by 30%, refining player tracking methods for coaches

Accenture – *Application Development Associate*, India   June 2021 – July 2022
- Optimized CI/CD pipelines by automating unit, integration and regression tests using UFT and Jenkins, accelerating defect resolution and reducing deployment failures in agile sprints by 20%
- Revamped financial data migration from legacy systems by writing complex SQL queries for validation, deduplication and anomaly detection, ensuring 100% accuracy in transferring 1M+ transaction records
- Created client-facing dashboards in Power BI & Excel to track project milestones, defect trends and resource utilization, reducing project delays by 15% and enabled stakeholders to proactively address bottlenecks
- Improved backlog management and agile execution by documenting test cases in Jira, enhancing traceability, collaboration and issue resolution, aligning with Agile product development best practices

Inteliment Technologies Pvt. Ltd. – *Data Science Analyst*, India   January 2021 – June 2021
- Boosted object detection accuracy by fine-tuning models and optimizing datasets to mitigate overfitting, achieving over 80% accuracy in identifying vehicles and improving customer experience
- Bridged gap between business & AI teams by translating user requirements into technical specifications, leading to 5% improvement in NLP-powered product features and alignment with business objectives
- Defined product roadmap by analyzing model performance, identifying key enhancements and prioritizing feature improvements, ensuring AI-driven capabilities aligned with business needs and user expectations

PROJECTS

Sales Forecasting and Pricing Analysis Using Tableau   October 2024
- Identified patterns, trends & anomalies of Airbnb data by building engaging dashboards, highlighting high list prices in West Seattle & Downtown, and showcasing seasonal peaks, notably in July, indicative of tourist influx
- Conducted analysis for dynamic pricing strategies, uncovering houseboats as 86% more expensive than condos

Data-Driven Insights into Terrorism Trends (Award-Winning Web App)   July 2021
- Engineered webpage for Global Terrorism Database, using Python, Dash, Plotly to provide detailed analysis & visual insights into terrorist activity for military personnel, with applications in combat & emergency situations
- Designed 14 dynamic graphics to convey geographical & statistical insights, improving situational awareness

EDUCATION & CERTIFICATIONS

Stevens Institute of Technology - *Master of Science in Business Intelligence & Analytics*   December 2023
Manipal University Jaipur - *Master of Science in Business Intelligence & Analytics*   May 2021
Microsoft Certified: Azure Data Scientist Associate (DP-100)   December 2024
HashiCorp Certified: Terraform Associate (003)   February 2025

SKILLS

Programming & Databases: Python, R, SAS, Git, MySQL, PostgreSQL, MongoDB, Snowflake

Data Visualization, Cloud & DevOps: Tableau, Looker Studio, PowerBI, Alteryx, MS Excel, Azure, AWS, GCP, Google Analytics, Docker, Kubernetes, REST APIs, SSIS, JIRA

Soft Skills: Creative Problem-Solving, Cross-Functional Collaboration, Storytelling with Data, Leadership