

Pragati Khekale

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[LinkedIn](#) | [GitHub](#) | [Tableau](#)

SUMMARY

Analytical and results-driven Data Analyst with 3+ years of experience delivering data-driven business solutions across machine learning, business operations, and data strategy. Adept at translating complex data into actionable insights to support executive decision-making and corporate strategy. Skilled in Python, SQL, and Tableau with a proven record of improving operational efficiency, enabling KPI-driven planning, and enhancing process optimization. Passionate about leveraging analytics and innovation to drive product planning, business transformation, and strategic growth.

SKILLS

Languages & Tools: Python, SQL, R, C++, Git, Jupyter, Unix/Linux, ArcGIS Pro.

Machine Learning: Regression, Classification, CNN, XGBoost, SVM, KNN, Transfer Learning

Data Analytics & Engineering: Data Cleaning, Feature Engineering, ETL, GeoPandas.

Visualization: Tableau, Power BI, Matplotlib, Seaborn

Cloud & Infrastructure: Snowflake, BigQuery

Soft Skills: Stakeholder Collaboration, Cross-Functional Communication, Project Management, Strategic Thinking

EXPERIENCE

Atmos Energy / Data Analyst | Dallas, TX | Aug 2023 – Present

- Developed predictive models for unlocatable data points using ArcGIS Pro for model builder, XG Boost, KNN Regression, and deep learning. Saving more than \$100k (estimate) cost and reducing operational inefficiencies.
- Designed and implemented KPI dashboards in Tableau for Pipeline Integrity projects, providing actionable insights for product and process improvement.
- Created, automated and maintaining ETL pipelines in Python, integrating datasets across business units to support planning and strategy initiatives.
- Partnered with engineering, compliance and operations teams to align data workflows with long-term business goals using Snowflake data warehousing.
- Presented executive summaries on capital and operating data, influencing roadmap planning and corporate strategy.

CCC Intelligent Solutions / Data Scientist Intern | Chicago, IL | May 2022 – Aug 2022

- Optimized ML models across six use cases analyzing 250K+ data points, achieving 96% model accuracy for operational forecasts.
- Collaborated with engineering and data privacy teams to develop analytical frameworks supporting business operations and customer-facing solutions.
- Produced performance metrics and reports to aid senior leadership in product strategy and process improvement.

Visteon Corporation / Machine Learning Intern | Pune, India | Jul 2019 – Sep 2019

- Integrated PoseNet into ADAS systems for real-time object detection, improving efficiency by 40%.
- Contributed to the full ML model lifecycle, from design to deployment, supporting cross-functional collaboration in engineering and product teams.

PROJECTS

KPI Dashboards / Atmos Energy | 2024–Present

- Led a cross-functional analytics initiative to define and monitor six key KPIs (risk assessment, asset performance, compliance, etc.) for Pipeline Integrity.
- Built executive dashboards in Tableau to support decision-making and operational planning.
- Enhanced data transparency and enabled predictive insights for proactive risk management.

OpenMax Deep Learning Optimization for Classification / Illinois Institute of Technology | 2022

- Implemented open-set recognition using OpenMax in TensorFlow, reducing false positives by 12%.
- Conducted comparative analyses of classification models to optimize accuracy and business reliability.

Oral Cancer Detection using CNN / Visteon Corporation | 2020

- Developed and trained a VGG-16 based model on 6,500+ X-ray images achieving 91% accuracy.
- Applied transfer learning to improve training efficiency by 40%, demonstrating scalable model deployment.

EDUCATION

Illinois Institute of Technology | Master's in Data Science | Jan 2021 – Dec 2022

CERTIFICATIONS

- AWS Machine Learning Specialty (In Progress)
- Google Data Analytics Professional Certificate