

Akash Anupkumar

Machine Learning Engineer

+919740718591 ◇ akashanupkumar1123@gmail.com ◇ Bengaluru, India ◇ [LinkedIn](#) ◇ [GitHub](#)

SUMMARY

Dynamic Alteryx Specialist Amplifies Data Storytelling via PowerBI, Masters AI Innovations, and Crafts Optimized Solutions with an Insatiable Appetite for Tech Advancements.

SKILLS

Data Processing and Automation Alteryx

Programming Languages Python, VBA

Data Analysis and Visualization Numpy, Pandas, Matplotlib, Seaborn, PowerBI

Machine Learning Libraries ScikitLearn, Keras, Tensorflow, Pytorch

Machine Learning Algorithms Supervised Learning, Unsupervised Learning, Neural Networks, CNN, Computer Vision, RNN, NLP, Transformers, large language model, Generative AI

Interests football, table tennis, expanding awareness

Languages English, Kannada

EXPERIENCE

Application Server Engineer - Business Intelligence Team

Nov '22 — May '23

Siemens Technologies Pvt Ltd.

Bengaluru (Remote)

- Leveraged Alteryx for robust data preparation and harnessed Power BI for immersive visualization, catalyzing actionable insights and revolutionizing decision-making paradigms.

Senior Data Analyst - Business Intelligence Team

May '23 — Nov '23

Siemens Technologies Pvt Ltd.

Bengaluru (Remote)

- Employed VBA to streamline processes, harnessed Power BI for illuminating data visualization, and seamlessly integrated machine learning algorithms to fuel data-driven decision-making, elevating operational efficiency to unprecedented heights.

PROJECTS

Alteryx & PowerBI

- Tax Automation for the US Team:** Led the automation of complex workflows using Alteryx, significantly enhancing efficiency and data accuracy. This project involved collaborating with the US team to identify and streamline manual processes, leading to a **50%** reduction in processing time and a **30%** increase in accuracy.
- FBL3N Financial Data Analysis:** Conducted a thorough analysis of critical financial data, transforming raw data into structured insights for better decision-making. This project uncovered insights that led to a **10%** improvement in budget forecasting accuracy and a **15%** reduction in financial discrepancies.
- Automation of Marginal Reports:** Implemented Alteryx to automate marginal reports for the CS team, providing deeper business insights and streamlined cost and revenue tracking. This automation reduced manual reporting time by **75%**, allowing the team to focus on more strategic tasks.
- Data Visualization and Reporting:** Executed several successful PowerBI projects, enriching data visualization and reporting solutions, which led to improved data-driven decision-making. One notable project involved creating interactive dashboards for sales performance, enabling the sales team to quickly identify trends and make informed decisions, resulting in a **12%** increase in sales conversion rates.

VBA , Machine Learning / Deep Learning

- Advanced VBA Coding:** Resolved critical issues across multiple projects through advanced VBA coding, demonstrating a transformative impact on project success by reducing manual workload and enhancing efficiency. This included developing custom macros that automated data entry, report generation, and error checking, saving over **100 hours** of manual labor per month.
- Customer Segmentation and Targeting:** Utilized logistic regression, Random Forest, and Neural Networks to segment customers with high accuracy, enabling targeted marketing campaigns and personalized product recommendations. This project increased the effectiveness of marketing efforts by 25%, leading to a 15% increase in customer engagement.
- Post-Purchase High-Level Targeting/Recommending:** Leveraged Purchase Order Data to segment customers and built a classifier with 90% accuracy, facilitating effective marketing strategies for product renewal and repurchase. This project resulted in a 20% increase in customer retention and a 10% increase in repeat purchases.
- Face Recognition System:** Developed a face recognition system for the BI team using Convolutional Neural Networks, showcasing advanced machine learning capabilities. This system is currently in its testing phase and is expected to enhance security and efficiency in the workplace.

- **AI Chatbot:** Contributed to building an AI chatbot powered by Large Language Models, providing advanced capabilities to serve clients and customers. This chatbot has significantly improved customer service response times and accuracy, reducing the average response time by 50% and increasing customer satisfaction by 20%

EDUCATION

BE in Electronics & Communication, VidyaVardhaka College of Engineering

Aug '21
Mysore

- Equipped with a degree that refined my mathematical prowess, My academic foundation in mathematics has been pivotal in constructing precise machine learning models, ensuring that each solution I craft is a testament to my dedication to excellence and innovation

CERTIFICATIONS

Python - ABC TECHNOLOGIES
Machine Learning - Stanford Online (ANDREW NG)
Machine Learning Specialization - Deeplearning.ai (ANDREW NG)
Deep Learning Specialization - Deeplearning.ai (ANDREW NG)
Ai for Everyone - Deeplearning.ai (ANDREW NG)
Mathematics For Data Science and ML Specialization - Coursera
Large Language Models on AWS - Deeplearning.ai
GEN AI foundations - Microsoft & Linkedin Learning
25+ courses on Linkedin Learning - ML, DL, CV, NLP, Transformers, LLM's
ig link - www.instagram.com/akash_ml1123