

KALAIVANI KANNAN

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PORTFOLIOS

- <https://www.linkedin.com/in/kalaivani-kannan-41a71a6b/>
- <https://github.com/kalai1230>
- <https://public.tableau.com/app/profile/kalaivani.kannan8544>

PROFILE

Motivated data science professional with certifications from **IABAC** and **NASSCOM**, transitioning into machine learning and advanced analytics. Adept at generating actionable insights to drive business strategy and operational efficiency by leveraging data trends and patterns. Proficient in Python, SQL, statistics, and data visualization, with a proven track record in creating impactful dashboards and data storytelling. A self-directed problem-solver with deep expertise in IT and business processes. Seeking a Data Scientist Associate position or relevant roles to apply advanced data-driven skills and contribute to innovative data solutions.

AREAS OF EXPERTISE

- Data Analysis:** Exploratory data analysis, Data Collection, Feature Engineering, Data Modelling
- Python Proficiency:** Numpy, Pandas, Seaborn, Matplotlib, Plotly, Scikit-learn
- Statistical Analysis:** Hypothesis testing, A/B Testing, Regression Analysis
- SQL and Database Management:** Advanced SQL in querying, Managing large datasets
- Data Visualization:** Advanced Excel, Power BI and Tableau
- Machine Learning:** Classification, Clustering, CNN, NLP, LLM and implementing predictive models.
- Development Tools:** Visual Studio, Jupyter Notebooks, Google colab
- Version Control and Collaboration:** GitHub, Docker
- Cloud Services:** AWS, S3, RDS, ECS, Athena, SageMaker
- Soft skills:** Curiosity and Learning, Storytelling with Data

PROFESSIONAL EXPERIENCE

Cxqo Associate

Amazon Development Centre Pvt.Ltd *Chennai*

01/2022 - 10/2022

- Collaborated on the development of AI-powered technologies to enable **frictionless checkout experiences** in Amazon physical stores.
- Analyzed customer behavior by **segmenting the customer base and purchase patterns**, demonstrating how **data-driven insights** could directly influence on facilitating customer experience and drive business growth.
- Conducted thorough **testing and validation** to ensure the robustness and reliability of AI-enabled checkout systems, while staying updated with the latest trends and advancements in data science and machine learning to enhance model improvements.

Digital Associate

Amazon Development Centre Pvt.Ltd *Chennai*

08/2019 - 10/2021

- Utilize **machine learning algorithms** to automate computer vision annotation processes.
- Developed and implemented machine learning models for image classification and object detection, while **collecting valuable data from reliable sources**.
- Optimize model** performance through continuous training and evaluation cycles.

EDUCATION

Bachelor of Engineering: Computer Science

Anna University Affiliated, Nagapattinam

CERTIFICATIONS

- Certified [Data Scientist], IABAC
- Certified [Data Scientist], NASSCOM
- Certified [Data Scientist Program], Data Mites
- Course Completion [Data analyst in SQL], Data Camp

INTERNSHIP

Unified Mentor Pvt.Ltd

Data analyst Intern

04/2024 - 06/2024

- Conducted **Exploratory Data Analysis (EDA)** using Python, including data cleaning, statistical analysis, and visualization to identify key factors and trends.

Rubixe AI Solutions Company

ABC Tech – Employee Attrition

03/2024 - 10/2024

- Developed a **predictive model** to analyze factors contributing to employee attrition, achieving an **impressive 87%** accuracy using **Logistic Regression** algorithm.
- Implemented **advanced data preprocessing** and feature selection techniques, significantly enhancing model performance and reliability.
- Developed a sentiment analysis system for movie reviews using **Natural Language Processing (NLP)** techniques to determine the sentiment (positive, negative, neutral) from user-generated reviews.

Infosys Springboard

Pragati Cohort 3 – a rigorous career development program focused Data Science and AI

11/2024- Present