

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 professional transitioning to data science and machine learning, holding certifications from **IABAC** and **NASSCOM**. Experienced in producing insights to improve business planning and operations, with a strong ability to identify and leverage data trends and patterns. Proficient in Python, SQL, statistics, dashboard creation, and data storytelling. Self-directed problem-solver with a robust understanding of IT and business processes. Actively seeking a Junior Data Analyst or relevant role to apply data-driven skills and deliver actionable insights.

Skills

- **Data Analysis:** Data collection, Data Extraction and Storing, Exploratory Data Analysis, Feature Engineering, Data Visualization, Data Modelling
- **Python Proficiency:** Numpy, Pandas, Seaborn, Matplotlib, Plotly
- **Statistical Analysis:** Hypothesis testing, A/B Testing, Regression Analysis
- **Data Visualization:** Advanced Excel, Power BI and Tableau
- **Database:** SQL
- **Machine Learning:** Regression, Classification, Clustering, Model Validation, Predictive Modelling
- **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

Cxgo Associate

January 2022 to October 2022

Amazon Development Centre Pvt.Ltd – Chennai

- 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

August 2019 to October 2021

Amazon Development Centre Pvt.Ltd – Chennai

- 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

- Conducted **Exploratory Data Analysis (EDA)** using Python, including data cleaning, statistical analysis, and visualization to identify key factors and trends.
- Utilized Tableau to create interactive **dashboards and visualizations**, translating complex data sets into actionable insights for business decision-making.

Rubixe AI Solutions Company

ABC Tech – ITSM Management

- Developed a machine learning model to predict high-priority tickets, achieving **98% accuracy** using the **Random Forest algorithm**.
- Applied advanced data preprocessing techniques and feature selection to improve model performance and reliability.