

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 and Interpretation -Data collection,Data Exports
- Python Proficiency - Numpy, Pandas, Polaris,Seaborn, Matplotlib,Plotly
- Statistical Knowledge - Hypothesis testing, A/B Testing, Regression Analysis
- SQL and Database Management- Advanced SQL in querying, managing large datasets.
- ETL Processes: Experience with Extract, Transform, Load (ETL) processes for integrating data from various sources.
- Data Visualization: Proficient in Tableau and Power BI
- Machine Learning: Classification, Clustering, CNN, NLP and implementing predictive models.
- **Development Tools:** Visual Studio, Jupyter Notebooks,Google colab
- **Version Control and Collaboration:** GitHub
- **Cloud Computing:** AWS, S3, RDS, ECS, Athena, SageMaker
- **Operating Systems:** Linux

PROFESSIONAL EXPERIENCE

Cxqo Associate 01/2022 - 10/2022
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 08/2019 - 10/2021
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

- Engineered a **high-precision machine learning model** to predict high-priority tickets, attaining an **impressive 98%** accuracy with the **Random Forest** algorithm.
- Implemented **advanced data preprocessing** and feature selection techniques, significantly enhancing model performance and reliability.