

KARTHIKRAJA KARUNAKARAN

PROFILE

I am experienced in **analytics** and have **designed** and **automated analytical tools** using **Python**, **SQL**, and **Alteryx**. Passionate about **market** and **counterparty credit risk**, I drive insightful **analyses** to support **strategic decisions**.

WORK EXPERIENCE

Data Analytic Consultant

September, 2024 - Present

Nordea

- Design, develop, and maintain scalable **data pipelines**, **integrating** multiple data sources to enable process automation and data governance across functions.
- Design and develop dynamic **BI Solutions**, providing actionable insights to support senior management in data-driven decision-making.
- Acting as a **Specialist** on data analytics initiatives, ensuring high **data quality** and establishing **governance** practices aligned with organizational standards.
- Collaborate with cross-functional **stakeholders** across Nordea's international offices to deliver **data-driven** insights that enhance transparency and strategic decision-making organization-wide.

Data Analytic Consultant

April, 2023 - March, 2024

Hempel A/S

- Prepare Sustainability **ESG dashboard** to the **Executive Leadership Team**
- Provide support and optimized existing **data collection**, **integration**, and **quality assurance**
- Build **forecasting models** and conduct **scenario analysis** for assessing sustainability outcomes
- Present findings and recommendations to **senior stakeholders** in a clear and concise manner.

Data Analyst

September, 2022 - March, 2023

Technical University of Denmark

- Deployed **enterprise data management** for the organization
- Customization of the data management system functionalities
- Designed and delivered **data visualizations**, **dashboards**, and **reporting solutions** with the aim of simplifying the overview of data

Data Scientist - Finance

February, 2019 - November, 2021

Aimtrex Technologies

- Developed and implemented **risk analytics** models to address complex financial challenges, supporting counterparty risk.
- Developed models for **financial forecasting**, including revenue projections, budgeting, and **financial planning**.
- Extracted** and assessed data from **databases** to drive improvement of product development and business strategies and processes.
- Collaborated with product management and business stakeholders to understand client needs and advise on methodical solutions and technical best practices

PERSONAL INFO

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PROJECTS

- Predictive Modeling - Finance
- Sentimental Analysis - Finance
- Recommendation Engines - Finance
- Harnessing AI for Intelligent lead scoring - Sales & Marketing

SKILLS

Cloud:-

Azure, Snowflake, SAP S4/HANA

Business Intelligence:-

Alteryx, Power BI & DAX, Excel, SSMS, SSIS, Dynamics 365

Data Management:-

Kafka, Databricks, DBT, Data Factory, Synapse Analytics, Purview

Version Control:-

Azure DevOps, Docker

Programming:-

Python, SQL, PySpark, Scala

Machine Learning:-

TensorFlow, Keras, MLflow

EDUCATION

Master of Science - Autonomous Systems

Technical University of Denmark

Mechatronics, Bachelor of Eng

Anna University

HOBBIES

- Yoga, Running, Climbing
- Books, Music, Tango

LANGUAGES

- English (Fluent)
- Danish (Intermediate)

KEY STRENGTHS

- Proactive
- Communication
- Ownership
- Courage
- Collaborative
- Detail-oriented

CERTIFICATIONS

- Azure AI-900
- Azure DP-203
- Linkedin Top Voice in BI
- Mckinsey Forward Program

Machine Learning Engineer IIITDM

June, 2017 -
November, 2018

- Applied statistical analysis, machine learning, and MIP numerical techniques in developing robust ML models
- Utilized **Git, DevOps, Databricks, and Docker** for seamless deployment and management of ML pipelines
- Orchestrated with large volumes of data to support scalable machine learning operations
- Implemented and operated ML models and pipelines in a production environment