

# KARTHIKRAJA KARUNAKARAN

## PROFILE

I am experienced in **risk 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 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 technology 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 advanced 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, PySpark, Scala, SQL

### Machine Learning:-

TensorFlow, Keras, MLflow

## EDUCATION

Master of Science - Autonomous Systems

Technical University of Denmark

Mechatronics, Bachelor of Eng

Anna University

## HOBBIES

- Yoga, Running
- Books, Music

## LANGUAGES

- English (Fluent)
- Danish (Intermediate)

## KEY STRENGTHS

- Proactive
- Agility
- Growth Mindset
- Excellent Communicator
- 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