

# Saravana Prashanth Kamalakannan

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## EXECUTIVE SUMMARY

Analytical and motivated MSc Data Science student with over 3 years of experience in data analysis, reporting, and process optimisation. Proven ability to translate data into business value—reducing customer churn by 15%, improving reporting accuracy by 30%, and enabling faster, insight-driven decisions. Skilled in Python, SQL, Power BI, and KNIME, with a strong focus on collaboration and commercial awareness. Excited to contribute to Asda's data transformation through a customer-first, insight-led approach.

## WORK EXPERIENCE

### AI/ML Intern | Brzee IT Expert

Feb 2024 - May 2024

- Developed NLP-based chatbots to automate responses and improve customer experience.
- Supported delivery of applied AI solutions within tight deadlines, collaborating closely with the tech team.

### Analyst | Accenture

Oct 2022 - Jan 2024

- Conducted thorough data analysis and implemented machine learning models, optimising platform performance and improved user experience, which led to a 15% reduction in customer complaints.
- Delivered data-driven insights that reduced customer complaints by 15% and improved operational efficiency.
- Built and maintained 200+ data pipelines, boosting data accuracy by 30% and decision-making speed by 20%.
- Analysed SaaS platform data, maintaining data integrity and system reliability for over 1,000 users, ensuring seamless data flow and system stability.
- Collaborated across teams to enhance reporting features, driving a 10% increase in user satisfaction and engagement with data insights.

### Software Engineer | Accenture

Aug 2021 - Sep 2022

- Automated data processing workflows and reporting tools, reducing manual errors by 30%.
- Introduced client-facing analytical features that improved feedback scores and user satisfaction.

## SKILLS

- **Programming Languages:** Python, R
- **Frameworks & Libraries:** PyTorch, NumPy, Pandas, Scikit-learn
- **Databases:** SQL, MongoDB, Oracle
- **Tools & Platforms:** PySpark, KNIME, IBM SPSS, AWS, Git, GitHub, Power BI
- **Software Development Practices:** Agile Management, Software Development Life Cycle (SDLC), Technical Analysis, Strategic Planning

## EDUCATION

### University of Sheffield

Sep 2024 - Sep 2025

#### Master of Science in Data Science - Merit(Expected)

- Key Modules: Introduction to Data Science, Data Analysis, Data Visualisation(Distinction), Data and Society, Data Mining, Database Design, Big Data Analytics, Business Intelligence
- **Projects & Hackathon:**
- Delivered data-driven insights on national life expectancy trends (1980–2024), achieving an RMSE of 0.86 to enhance policy development and inform healthcare decisions.
- Managed a team of four in a university-hosted Data and Design hackathon, developing an AI-driven campaign creation tool that optimized decision-making and enhanced efficiency.

### Anna University

Aug 2017 - May 2021

#### Bachelor of Technology in Information Technology - Merit

- Key Modules: Python Programming, C Programming, Object Oriented Programming, Computer Networks and Architecture, Database Management Systems, Big Data Analytics, Data Structures, Digital Principles and Algorithms
- **Courses & Certifications:** Machine Learning onramp – MathWorks, Deep Learning onramp – MathWorks, Python Complete bootcamp – Udemy, Python based Image processing and computer vision - Udemy