

KANHA SODANI

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EDUCATION

Imperial College Business School

London, UK | Aug 2024 – Aug 2025

MSc in Business Analytics

Relevant Modules: Data Structures and Algorithms, Machine Learning, Data Wrangling and Visualisation

Delhi School of Economics

Delhi, India | Jul 2019 – Jun 2021

Master of Arts in Economics (CGPA - 8.09/10)

Relevant Modules: Mathematics for Economics, Econometric Methods, Topology, Game Theory

National Institute of Technology, Trichy

Trichy, India | Jun 2015 – May 2019

Bachelor of Technology in Chemical Engineering (CGPA - 8.55/10)

WORK EXPERIENCE

Associate - Group Young Leadership Program | Bajaj Finserv

Pune, India | Jun 2021 – Jan 2024

Risk Analyst, Bajaj Allianz Life Insurance

Jun 2023 – Jan 2024

- Developed an **advanced R** function to calculate key risk metrics, enhancing accuracy and efficiency of risk analysis
- Built a **machine learning model** to classify risk of early death claims; delivered actionable insights to investigation team, resulting in faster claim processing and **40% reduction** in investigation costs

Risk and Pricing Analyst, Bajaj Finserv Health

Oct 2022 – May 2023

- Spearheaded **pricing and risk strategy** for corporate health insurance portfolio. Evaluated quote requests, claims data and various risk metrics to deliver optimal pricing structure for **60+ corporates**
- Collaborated with sales team to create negotiation strategies, secured **10+** deals achieving revenue target of **\$1 million**

Business Analyst, Bajaj Allianz Life Insurance

Feb 2022 – Sep 2022

- Developed an upsell propensity model using **Gradient Boosting** algorithm to target a specific customer segment – leads scored and targeted with model showed a remarkable **5x increase** in upsell conversion rate
- Built a robust location scoring algorithm using **SQL and Python** to identify locations with high business potential to launch **100+** new branches

Credit Risk Analyst, Bajaj Finance

Jun 2021 – Jan 2022

- Implemented a **credit cards portfolio risk** monitoring framework - Developing a comprehensive **Power-Bi dashboard** to monitor risk KPIs and to find actionable insights to manage portfolio risk
- Conducted in-depth analyses of customer spending patterns to inform and develop credit card risk policies

SKILLS

Technical Skills

Intermediate - SQL, Power-Bi, Tableau, PowerPoint, SAS

Advanced - Microsoft Excel, R-programming and Python (libraries: Pandas, Numpy, Sklearn, Matplotlib, PyTorch)

Languages

Hindi (Native), English (Fluent), German (Basic)

EXTRA-CURRICULAR

Project – Nirvana by numbers, HEC Paris

- Implemented statistical techniques on SPSS to rank 48 countries on quality of life based on social & economic indicators

Chairman, Sportsfete (Annual Sports Festival of NIT Trichy)

- Led a 200-member team of organizers and event-coordinators to make Sportsfete'18 a success

PROFESSIONAL CERTIFICATION/TEST SCORES

GMAT 2024

- Scores 695/805 (**98th %ile**) on GMAT Focus Edition with a perfect 90/90 (**100%ile**) in Quantitative Reasoning section

CFA® Program

- Passed **Level I CFA® Program**

INTERESTS

- Curious about trading options with hands-on experience of developing trading strategies on Python
- Running enthusiast, clock 100+ miles a month, training to become an endurance athlete