

# KANHA SODANI

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## EDUCATION

### Imperial College Business School

London, UK | Aug 2024 – Jun 2025

MSc in Business Analytics

Modules: Data Structures & Algorithms, Linear Algebra, Statistics & Econometrics, Machine Learning

### Delhi School of Economics

Delhi, India | Jul 2019 – Jun 2021

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

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

### National Institute of Technology, Tiruchirappalli

Trichy, India | Jun 2015 – May 2019

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

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## WORK EXPERIENCE

### Associate - Group Young Leadership Program

Pune, India | Jun 2021 – Jan 2024

#### *Bajaj Finserv (India's Largest Non-Banking Financial Company)*

Senior Data Scientist | Bajaj Allianz Life Insurance

- Developed a Python-based risk analysis tool that automated and standardized metric calculations, reducing manual analysis time by **60%** and improving reporting consistency
- Built a machine learning model to predict early death claim risk, cutting investigation costs by **40%** through automation of low-risk claim approvals and flagging of high-risk cases for manual review

Risk & Pricing Analyst | Bajaj Finserv Health

- Led pricing and risk strategy for **60+** corporate health insurance clients, leveraging data-driven insights to ensure sustainable margins and manage underwriting risk
- Collaborated with sales team to secure over **10** corporate deals, surpassing **\$1 million** revenue target

Data Scientist | Bajaj Allianz Life Insurance

- Developed a propensity model that achieved a **5x** lift in conversion rates with strategic targeting of leads for upsell campaigns
- Designed a data-driven growth strategy that enabled the launch of **100+** branches by building a location scoring algorithm to rank pin codes using geographic, competitor and industry data

Credit Risk Analyst | Bajaj Finance

- Analysed credit bureau and transactional data using SQL to inform credit card risk policy decisions, reducing portfolio delinquency rate by **1.83 percentage points**
- Built a Power-BI dashboard using advanced DAX queries to monitor key risk indicators for the credit card portfolio

### Equity Research Intern

Mumbai, India | May 2018 – Jul 2018

#### *Edelweiss Broking Limited*

- Conducted financial analysis of Indian explosives sector, using advanced Excel to identify companies with high ROI potential

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## PROJECTS

### Chintan – LLM-based Journaling App ([link](#))

- Built and deployed an interactive journaling app using Mistral AI via LangChain and LangGraph, enabling users to reflect through natural, conversational interactions with a language model
- Implemented user authentication, journal storage using SQLite and integrated custom APIs for password verifications flows

### Email Classification Tool using ML & GCP ([link](#))

- Developed a Gmail inbox classifier using Naïve-Bayes model with Python, integrating Gmail API and Google Cloud services to automatically detect and label banking-related emails

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## SKILLS

Programming: Python (*Pandas, NumPy, Scikit-learn, PyTorch*), R (*tidyverse, dplyr, caret*), SQL, MS-Excel

Data Visualization: Tableau, Power BI, Matplotlib, Ggplot2

Cloud Platforms & Tools: AWS, GCP, Git, GitHub, Docker

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## CERTIFICATION & TEST SCORES

AWS Certified Cloud Practitioner – Foundational expertise in AWS cloud concepts, services and security

GMAT– Scored a perfect **90/90** in Quantitative Reasoning (100<sup>th</sup> percentile) in GMAT

CFA® Program – Passed Level I CFA® Program