

MANU ABBI

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Credit risk leader with 11+ years of experience developing and securing financial and regulatory approval for IRB and IFRS9 models across mortgages and personal loans. Proven track record in delivering PRA-approved models, leading global teams, and driving capital optimisation through advanced risk analytics. Worked across multiple geographies and with global teams.

EXPERIENCE

BARCLAYS BANK

Vice President, Noida, India

Nov 2024 - Present

Vice President, London, United Kingdom

Apr 2021 – Oct 2024

- **Redesigned and secured BoE PRA approval** for Hybrid PD, LGD, and Stress Testing AIRB models, strengthening regulatory compliance and capital adequacy for the £150bn UK mortgage portfolio.
- **Led redevelopment of IFRS9 LGD and ELBE models**, pioneering a decomposition-based time series methodology to capture causal macroeconomic drivers, improving model accuracy and regulatory acceptance. Building dashboards and explain tools for business and finance teams.
- Worked with business teams on analysis supporting **acquisition of new portfolios (both secured/unsecured) and securitisation of high-risk segments** within the Mortgage portfolio. This helped in significant capital optimisation.
- **Leading the re-development** of the IFRS9 model suite for the Barclays **personal loan portfolio**.
- Managed and developed a global team of 5 analysts, delivering cross-location projects with consistent quality and timely delivery under regulatory deadlines.

BARCLAYS BANK

Assistant Vice President, London, United Kingdom

Mar 2018 – Apr 2021

- **Developed the Hybrid PD model** as part of the IRB Repair Programme, advancing capital models for the Home Finance portfolio in line with PRA/ECB expectations and pioneering a new modelling approach.
- Built Generation 2 IFRS9 model suite (PD, LGD, EAD) for mortgages, enhancing impairment forecasting accuracy and strengthening alignment with regulatory standards.
- Partnered with Independent Validation Unit, Model Monitoring, and Business Owners to secure approval and embed new IFRS9 models into business processes, improving risk transparency and decision-making.
- **Re-engineered the ECL scoring code base**, reducing runtime by ~75% and eliminating documentation vs. production inconsistencies, which improved audit readiness and operational efficiency.

BARCLAYS SHARED SERVICES

Assistant Manager, Noida, India

Sep 2016 – Mar 2018

Senior Analyst, Noida, India

Jul 2014 – Sep 2016

- Developed IFRS9 Generation 1 LGD impairment framework for the UK Home Finance portfolio, enabling regulatory-compliant impairment recognition ahead of IFRS9 implementation.
- Designed **time series models** (PPGD, FSD) under IFRS9 standards, strengthening mortgage loss forecasting and portfolio risk management.
- Built **CRDIV compliant Basel PD and EAD models for the personal loan portfolio**, supporting capital adequacy calculations and regulatory submissions.
- Developed **Probability of Possession and advanced LGD models**, incorporating distribution-based FSD and cure economics, which improved accuracy of IRB capital models and stress testing outcomes.

EDUCATION

DELHI SCHOOL OF ECONOMICS – Delhi, India

May 2014

Master's in arts, Economics; First Class

Subjects: Econometrics, Multivariate Statistics, Probability Theory, Financial Markets

HANS RAJ COLLEGE, UNIVERSITY OF DELHI – Delhi, India

May 2012

Bachelor's in arts, Economics; First Class

Subjects: Microeconomics, Macroeconomics, Game Theory, Introductory Econometrics, Inferential Statistics

ADDITIONAL

Right to Work in: United Kingdom (Citizen), India (OCI Holder)

Techniques: Generalised Linear Models, Decision Trees, Time Series Modelling (ARIMA/ECM), Clustering, Gradient Boosting

Model Types: Advanced IRB, IFRS9

Tools: Python, Spark, SQL, SAS, eMiner, R, Excel, GitLab, VSCode, Athena, Starburst

Certifications & Training: Machine Learning, Python, Linear Algebra, Bayesian Statistics (Coursera); Introduction to Econometrics (LSE); Predictive Modelling in R (WeekendR)

Awards: Python Champion (Barclays), Global Value Recognition (Barclays)

Internship: PwC (May 2013), Public Finance team – Performed audits and generated KPI's for DFID and World Bank funded urban development programme