SRISHTI JAIN

Quantitative Analyst

Analytics professional with 5.5+ years of experience in regulatory risk (IFRS9, Basel) modelling and credit risk management analytics in BFS sector across multiple geographies (Africa, US and EU - including UK). Experienced in client servicing, project delivery (offshore/ onshore) and team management.

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WORK EXPERIENCE

Senior Consultant, EXL Service (Decision Analytics) *(Jan'18 - present)*

- **Retail Risk Modelling LGD (RRML)**
  Co-leading a team of quantitative analysts to support a leading Austrian bank with E2E development of A-IRB LGD models
  - Automated MRD creation process incorporating specifications from the latest *EBA GL/2016/17*.
  - Working on estimation of LGD for *not in-default* and *in-default* segments of population using tree-based regression algorithm.
- **Model Risk & Development (MRaD)**
  Led a team of 6 analysts to develop models/strategies for credit risk management as well as impairment measurement for retail lending portfolios of regional African banks
  - Built pan-Africa behaviour model for performing assets to improve the legacy rule-based identification of *Stage 2* customers.
  - Created a simplistic prototype to derive Risk Annualised Forecast (RAF) for IFRS9 models using early warning risk & Moody's macroeconomic indicators to aid banks' portfolio and risk management units with year-end planning.
  - For a *virtual lending* product, developed scorecards for – i) underwriting customers with & without CRB footprint, ii) credit limit management for repeat borrowers and iii) effective collection strategies.
  - Supported quarterly IFRS9 forward calculation, governance & controls' requirements, audit specifications, monitoring schedules and other BAU functions for 30+ models.

Consultant II, EXL Service (Decision Analytics) *(Jul'16 - Dec'17)*

- **Model Risk & Development (MRaD)**
  Supervised development of underwriting scorecards and IFRS9 models for retail lending portfolios of 10 regional African markets
  - Completed development of forward looking PD, EAD & LGD models used as inputs for ECL calculation.
  - Developed pan-Africa scorecard for unsecured loans & credit cards to improve legacy underwriting. Derived optimal score cut-offs in line with individual markets' risk appetite and profitability margins.
- **Impairment Reporting Process Simplification**
  Led a two-member team to streamline impairment reporting process for unsecured loans & credit cards of a UK based bank
  - Restructured E2E reporting process in SAS, enhanced UI and reduced manual intervention via automation using Excel VBA.
- **IFRS9 Model Conversion (Onshore – London, UK)**
  Enhanced IFRS9 model conversion process for unsecured portfolios of a UK based bank
  - Liaised with implementation team to align MRD creation/scoring logic and reduce gaps b/w development & go-live data.

Consultant I, EXL Service (Decision Analytics) *(Jul'14 - Jun'16)*

- **Retail Banking Impairment (IAS39) Models**
  Responsible for development and maintenance of incurred loss (IAS39) models for a UK bank's unsecured retail lending products
  - Applied *Roll Rate* method to measure portfolio level PD for unidentified and identified events of impairment and removed inherent default coverage shortfalls thus improving impairment allowances by +10-20%.
  - Adapted insurance sector's claims reserves valuation technique, i.e. *Chain Ladder* to model and derive portfolio level LGD estimates for – i) new to charge-off and ii) legal recovery book.
  - Quarterly evaluated Risk Annualised Forecast (RAF) to anticipate models' outcomes in different stress scenarios.
  - Assisted reporting teams with evaluation of PMAs to cover risks owing to change in credit risk policies.

EDUCATION

- M.Sc. Applied Statistics & Informatics (8.51 CGPA) *(2012 – 2014)*
  IIT Bombay, India
- B.Sc. (Hons.) Statistics (Gold Medallist, 91.94%) *(2009 – 2012)*
  Kirori Mal College, Delhi University, India

CERTIFICATION

- Financial Risk Management (FRM) Exam Part I *(Nov'19)*
  Issued by Global Association of Risk Professionals (GARP)
- SAS Certified Base Programmer for SAS9 *(Apr'19)*
  Issued by SAS
- R Programming by Johns Hopkins University *(Aug'17)*
  Issued by Coursera

TECHNICAL SKILLS

SAS | SQL | R | SPSS | MS Office | Excel VBA | Tableau

Linear Regression | Logistic Regression | Roll Rate | Chain Ladder | CART | Clustering