

PRIYESH J MEHTA



Actuarial professional with over 4.5 years of experience (incl. 1.5 Year Internship) in life insurance modelling & experience analysis. Proficient in Prophet and DCS frameworks, with advanced programming expertise in SQL and Python for data analysis and automation. Recognized for building scalable modelling frameworks, mentoring interns, and delivering accurate, timely actuarial outputs and strategic insights for senior stakeholders.

Institute and Faculty of Actuaries (IFoA)
6 papers passed: CS1, CM1 (CT1 + CT5), CB1, CB2, CB3, CP2

Experience

Assistant Manager, PNB MetLife India Insurance Company - (Feb22-)

DCS / SQL Expertise

- Designed a multi-purpose DCS framework to generate MPFs for multiple reporting requirements in a single run, reducing manual intervention and improving process efficiency.
- Eliminated redundant hardcoding by introducing structured user-input tables and automated date-based inputs across AOM, Experience Studies, and Monthly Reporting DCS significantly eliminating errors in placing runs with wrong parameters.
- Developed logic to assign SPCODEs basis the Bonus Declaration Cohorts for WPC Team.
- Enabled New Business reporting teams to perform Partner-Level Deep Dive by providing flexibility to assign SPCODEs, Demographic Assumptions, Expenses, Rewards at very granular channel level.
- Streamlined complex multi-step SQL processes into consolidated queries to improve accuracy and reduce processing errors in experience analysis.

Prophet Modelling

- Modified Special Surrender Value logic for all non-par savings and protection products as per 2024 Surrender Regulations and validated outputs against pricing calculators for various model points using Data Table Run.
- Introduced IVP cancellation actualisation logic and supported correction of AOM actualisation bucketing in Prophet. Additionally, prepared detailed step-on-step impact walkthrough for AOM Team.
- Set up basic Prophet products such as NPS with in-built ADB and a UL pension product; guided interns in performing a UL product setup using existing documentation.
- Built AUM-based commission functionality and adapted commission structures in Prophet to align with evolving business requirements.
- Supported model releases and CR developments with comprehensive testing and documentation, ensuring timely delivery.

Experience Studies

- Led experience studies for mortality, morbidity, discontinuance, revival, and partial withdrawals, including introduction of first-principle validation of DCS outputs against SQL.
- Corrected computation of post-PPT and paid-up surrender rates in DCS.
- Ensured Consistency between Experience Analysis Methodology and Rate Application in Prophet.
- Prepared detailed Impact Analysis of Assumption Changes segregating the effects of Data Correction, DCS Changes, and Period Change for the Appointed Actuary.
- Managed stakeholder requirements by ensuring timely submission of Public Disclosures and AAAR Experience Section, Experience Movement for Risk Committees, addressed queries from regulators, regional teams, and peer reviewers.

Automation & Leadership Contributions

- Developed Python Automation to Compare MPF/RPTs across workspaces and generate excel report highlighting policy-level changes.
- Trained and mentored 8+ interns over the tenure, 2 of whom transitioned to full-time roles in PMLI itself; conducted SQL and Python training sessions for team members.
- Authored detailed process notes and concept documents for modelling and experience studies to improve team knowledge continuity.

Actuarial Intern, Bajaj Allianz Life (Aug21 - Feb22)

Supported with Experience Monitoring, Process Improvements & Automated Reports using SAS Visual Analytics (6 months)

Data Analysis Intern, Sirpi Data Science (Feb21 - Jul21)

R Programming + Data Visualisation Expert (6 months)

Education

- (2022) B.Sc. Applied Statistics, NMIMS | Vice President of Entrepreneurship Cell
- (2019) HSC, H.R. College of Commerce & Economics - 91.53%


Contact

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