Daniel Suryakusuma

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Actuarial Exams

Exam 6:	Sitting Oct 2023	Exam 3/IFM:	Passed Jul 2020
Exam MAS-II:	Passed Nov 2022	Exam 2/FM:	Passed Oct 2017
Exam MAS-I:	Passed May 2022	Exam 1/P:	Passed Jul 2017
Exam 5:	Passed Oct 2021	VEEs: Completed	OCs: 1&2 Sitting Spring 2023

Work Experience

Oct 2022 - Current
Sr. Actuarial Analyst

Finance & Strategy: Risk & Insurance
DoorDash, Inc. - Los Angeles, CA

•Programmed stochastic simulations and loss modeling for ILF layer pricing within commercial auto primary, corridor, excess umbrella, and above-tower layers of loss. Drive buyer-perspective risk management strategy around self-retained risk under captive insurance company.

•Facilitated claims/legal staffing model driven by AvE reserving methods for IBNR claims. Enhanced claims triage using text-analytics from adjuster notes. Strategic collaboration to improve driver safety and loss trends across Strategy/Ops, Eng, and DS/ML/Analytics functions.

•Engineered data ETL for single source-of-truth loss and exposure database, reconciling loss runs from multiple carriers and TPAs. Improved accessibility of actuarial data models and results for cross-functional partners, collectively enhancing business intelligence and risk management.

May 2022 - Sep 2022
Sr. Actuarial Analyst

Corporate Actuarial, Reserving: Personal Auto
Farmers Insurance Group - Los Angeles, CA

•Lead actuarial reserving team for alignment in countrywide quarterly ResQ reserve review as the subject-matter-expert for Auto Physical Damage (APD) coverages. Analyze industry and macro-economic trends to help isolate signals in diagnostic triangles and account for distortions from COVID-19 impacts to timing and claims development patterns. Presented to pricing and state management around financial results, emerging trends, and execution of company strategy.

•Identified leading indicators of changing claims emergence patterns as Actual versus Expected (AvE) process owner. Collaborate monthly with Claims to investigate and explain drivers of adverse or favorable development. Monitor daily calendar incurred loss versus actuarial-expected claims emergence adjusted for seasonality and claims working days.

Jul 2021 - May 2022
Actuarial Analyst II

Actuarial Pricing: Personal Auto
Mercury Insurance Group (NYSE: MCY) - Orange County, CA

•Performed deep-dive analyses for CA and AZ, leveraging various loss development techniques and analyzing internal and competitor loss trends for rate indications. Collaborate with PM, R&D, Claims, and Underwriting to drive profitable growth.

•Designed new country-wide Personal Umbrella product introducing innovative segmentation. Built new tools to compute rating factors, off-balance and dislocation, triangles and exhibits for CA rate/rule/form filing. Teamed up with IT, Marketing, and UW for database and UI/UX design to ensure successful book conversion into new IT system.

•Programmed automated R script to scrape, compile, and organize competitor product filings. Deliver direct, accurate, and timely industry information to executive and marketing teams on key changes to competitor product rating plans or underwriting risk appetite.

May 2020 - Jun 2021
Product Analyst

State Product Management: Personal Auto
Mercury Insurance Group (NYSE: MCY) - Orange County, CA

•Constructed a growth optimization predictive model, isolating independent agency locations with greatest growth and cross-sell opportunities within auto, home, and umbrella.

•Programmed large-scale quote dislocation tool in R to measure projected rate competitiveness to market in developing Mercury's CA PPA Class Plan filing. Presented analysis and projected changes to Mercury's largest book to executive team for buy-in.

•Bootstrapped KPI reporting for successful launch of MercuryGO UBI telematics program. Identified early enhancements and equipped Mercury's outbound call center with automated daily reporting to significantly enhance customer experience, improving app installation rate +30%.

Education

May 2020   **University of California, Berkeley**
B.A. Applied Mathematics (Statistics)
Major GPA: 3.46/4.00