

Nicholas Kinney

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SUMMARY

Senior Actuarial Analyst with deep experience in Employer Stop Loss (ESL), captive structures, and A&H insurance. Currently finishing the ASA (APC remaining) and building an AI-and-actuarial blog at theastigmaticactuary.com. Background spans automated reporting suites, data warehouse architecture, actuarial pricing tools, and bringing AI-augmented workflows into day-to-day actuarial practice.

PROFESSIONAL CERTIFICATIONS

Associate of the Society of Actuaries (ASA), *Expected May/June 2026*

Exams Passed: P (Jan 2016), FM (Oct 2016), IFM (Mar 2020), SRM (Jan 2023), FAM (2023), PA (2023), ASTAM (2025)

Modules: FAP complete, APC pending

VEEs: Accounting & Finance, Economics, Statistics

WORK EXPERIENCE

Senior Actuarial Analyst | Coverys

April 2024 – May 2026

Most active AI user in the organization.

- **AI Adoption:** Introduced and integrated LLMs (Copilot, Claude, Perplexity) into actuarial analysis, code review, and documentation workflows across the team.
- **Rate Filings & Reserving:** Prepared and submitted annual state rate filings for ESL; projected IBNR claims and tracked loss development.
- **Data Warehouse:** Built and maintained the department's MS SQL Server data warehouse from scratch.
- **Mentorship:** Onboarded and mentored junior analysts; collaborated cross-functionally with Claims, Finance, and Underwriting.

Actuarial Analyst | Coverys (formerly Archway Health)

July 2022 – March 2024

Joined via the Archway Health acquisition.

- **Pricing Tools:** Contributed ~20 PRs to the actuarial pricing tool (ATP): automation improvements, bug fixes, and accuracy updates.
- **Reporting:** Redesigned the ESL Reporting Suite in Power BI, adding Medical Underwriting and Laser data to support renewal decisions.
- **Data Engineering:** Built Python ETL pipelines that traverse complex directory structures and load data into a centralized SQL database.
- **Reserving:** Projected IBNR claims and tracked loss development; supported migration of pricing models off legacy spreadsheets.

Associate Business Systems Analyst | Safety Insurance

May 2021 – July 2022

- Facilitated concurrent technical projects including a new policy issuance system rollout and a data warehouse migration.
- Developed automated billing plan conversion tools; reviewed monthly invoices for accuracy.

Associate Underwriter & Trainee | Safety Insurance

Feb 2019 – May 2021

- Built Excel VBA macros and Power Query models to accelerate new business review; wrote PowerShell scripts automating record ingestion.
- Completed rotations in ceded commercial lines and pricing across diverse business units.

Instructor | C2Education

Nov 2017 – Feb 2019

- Taught AP STEM courses with high student engagement.

EDUCATION

B.S. in Mathematics, Stony Brook University, August 2017
Dean's List (Fall 2013) | National AP Scholar (2012)

SKILLS

Programming: Python (ETL, automation, data processing), SQL (MS SQL Server, T-SQL), VBA, PowerShell, R

Software Development: Git, GitHub/Bitbucket (PRs, code review), SDLC

Data & BI: Power BI, relational database architecture, Excel (Power Query, M-Code)

AI & Automation: Enterprise AI adoption (Copilot, Claude, Perplexity), AI-augmented actuarial workflows

Actuarial: IBNR projection, state rate filings, captive structures, ESL pricing, cross-functional communication