

Angela L. Petrone

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Skills: R ★ PowerBI ★ \LaTeX ★ Git ★ SQL ★ Bitbucket

Work Experience

Verisk Analytics

Manager - Product Analytics and Client Support

Boston, MA | June 2021 - Present

- Manage and support junior analysts to scope and execute complex projects for casualty (re)insurers and brokers.
- Lead team of developers to automate end-to-end data cleansing process by refactoring code from R to Python and building API and database architecture.
- Communicate complex modeling concepts to technical and non-technical audiences.
- Collaborate with research, software development, and modeling teams to prioritize, scope, and implement product enhancements based on client feedback and market demands.

Risk Consultant - Casualty Analytics

Boston, MA | October 2019 - June 2021

- Used cloud-based statistical model (Arium) to perform predictive risk analyses for casualty (re)insurers and brokers.
- Developed methodology and wrote R code to calculate frequencies and generate stochastic losses for liability events.
- Cleaned and enhanced large client datasets using R and SQL to make them fit for modeling.
- Created data visualizations in PowerBI to explain model outputs to internal and external stakeholders.

CNA Financial

Contract Surety Underwriter

Boston, MA | November 2017 - October 2019

- Analyzed and ensured the profitability of an \$800M portfolio of construction business.
- Evaluated the financial strength of large contractors to determine which projects they could pursue.
- Communicated with stakeholders throughout the company to make informed underwriting recommendations to senior management and influence risk assessment strategy.

Medical Malpractice Underwriter

Boston, MA | June 2015 - November 2017

- Independently managed outpatient medical malpractice business throughout New England and Upstate New York.
- Developed relationships with key insurance agents and successfully increased local revenues by \$1M.
- Maintained a rigorous travel schedule to understand diverse client needs and uphold a high standard of customer service.

Independence Blue Cross

Summer Intern

Philadelphia, PA | Summer 2012, 2013, and 2014

- Spearheaded a project aimed at adapting consumer engagement during the implementation of the Affordable Care Act by managing a team of 16 interns, delegating and prioritizing tasks, and ensuring timely completion.
- Developed an understanding of local, state, and federal health policy issues and created political reports for the Chairman, CEO, other senior executives, and lawmakers in Harrisburg, PA and Washington, D.C.
- Programmed an interactive checklist for hiring managers in Excel using Microsoft Visual Basic that outlined the onboarding process and automatically generated calendar updates for each step.

Volunteerism

Insurance Industry Charitable Foundation

Chairman, Associate Board

Boston, MA | January 2020 - July 2022

Oversaw volunteer initiatives, ensured financial success of fundraising events, and acted as the primary liaison between regional insurance leaders and the board.

Boston College, May 2015

Bachelor of Arts in Economics, Honors Program

Minor in Mathematics

Thesis: The Effect of Increased Access to Healthcare on Migrant Health Status in China