

Trevor Murphy | Analyst, MAAA

1312-B Gateview Avenue – San Francisco, CA 94130

✉ trevor.m.murphy@gmail.com • 🌐 tmurph • in Trevor Murphy

Experience

Independent Consultant

San Francisco, CA

Actuarial Consulting

October 2015–Present

- Attestation of Medicare Part D Creditable Coverage.

Florida Blue

Jacksonville, FL

Senior Actuarial Analyst, Rating Systems and Tools

July 2014–September 2015

- Quantified financial risk in response to a serious error in billing.
 - Represented actuarial interests to cross-functional work group including legal counsel, billing dept leadership.
 - Improved estimate of financial risk from \$10M to \$2M.
- Introduced version control (SVN) to Excel-based modeling tools.
 - Estimated annual savings of one FTE due to reduced spreadsheet errors.
- Managed and improved Excel-based tools for large group underwriting.
 - Estimated annual savings of one FTE due to asynchronous processing.
 - Reduced average response time by one day for approx 10% of weekly requests.

Sales Account Manager, Major Accounts Consulting Group

November 2013–June 2014

- Managed and improved SQL-based tools.
 - Led analysts to port code from Microsoft Access to IBM DB2.
 - Reduced turnaround on 10% of weekly requests from two days to same day.
- Managed statistical analyses and improved validity of conclusions.
 - Led analysts to test their confidence intervals before publishing to clients.
 - Improved simulated 95% bootstrap confidence interval coverage from 80% to 95%.

Actuarial Analyst II, Small Group Pricing Analyst

September 2011–October 2013

- Operated and improved Excel-based tools for small group pricing.
 - Automated many manual processes and improved documentation.
 - Estimated savings of 0.5 FTE due to automation.
- Developed rating models for novel PPACA products and filed with the Office of Insurance Regulation.

Cigna

Hartford, CT

Actuarial Senior Analyst, Reserve Analyst

August 2008–August 2011

Affiliations and Education

Member of the American Academy of Actuaries

2014–Present

Associate of the Society of Actuaries

2014–Present

Rice University

Houston, TX

Bachelor of Arts, Overall GPA 3.46, GPA in Mathematics Major 3.85

2004–2008

Programming Languages

Microsoft Excel and VBA, R, Python, Unix environment