Olivia Grant

Actuarial Associate

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SKILLS

- Excel
- SQL
- Python
- R
- Actuarial Modeling
- Experience Studies
- Cash Flow Testing
- Data Analysis
- Attention to Detail
- Analytical Skills

EDUCATION

Bachelor of Science 05/2023

University of Nebraska-Lincoln

Lincoln, NE

Mathematics

SUMMARY

Actuarial associate with 3 years in life and annuity actuarial work, focused on experience studies and actuarial modeling. Writes SQL and Python to prepare data, builds Excel and R analyses that hold up to review, and has passed 3 SOA exams.

EXPERIENCE

Actuarial Associate 07/2024 - Present

Platte River Life & Annuity Omaha, NE

Life and annuity insurer with $9B in assets.

- Run mortality and lapse experience studies on **310,000** annuity contracts using SQL and R.
- Update actuarial modeling assumptions for 6 fixed annuity products after each annual review.
- Prepare cash flow testing inputs for 12 interest rate scenarios with no rework from the appointed actuary.
- Write Python checks that flag data errors before model runs, catching 140 bad records last year.

Actuarial Analyst 06/2023 - 06/2024

Heartland Benefit Mutual Lincoln, NE

Group life and disability insurer.

- Built Excel reconciliations of reserves to the general ledger each month for 4 product lines.
- Performed data analysis on group disability claims, identifying a 9% rise in claim duration.
- Drafted 5 assumption memos for the valuation actuary with full attention to detail.

CERTIFICATES

Exam P (Probability) 2022

Society of Actuaries

Exam FM (Financial Mathematics) 2023

Society of Actuaries

Exam FAM (Fundamentals of Actuarial Mathematics)

2025

Society of Actuaries