

Amina Patel

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SUMMARY

Detail-oriented Senior Level Actuarial Analyst with over 7 years of experience in risk assessment, pricing strategy, and data analytics. Proven track record of leveraging advanced statistical techniques to drive business decisions and improve profitability.

EXPERIENCE

Senior Actuarial Analyst

Jan 2022 - Present

ABC Insurance Corp, Chicago, IL

- Developed pricing models that increased profitability by 15% within the first year.
- Streamlined the data processing workflow, reducing analysis time by 30 hours per month.
- Utilized predictive analytics to enhance underwriting processes, resulting in a 10% reduction in claim costs.

Actuarial Analyst

Jun 2018 - Dec 2021

XYZ Risk Management, Chicago, IL

- Conducted comprehensive loss reserving analyses leading to a 20% increase in reserve accuracy.
- Collaborated in a cross-functional team to implement a new software solution, improving report generation time by 40%.
- Presented quarterly results to senior management, facilitating data-driven decision making.

Junior Actuarial Analyst

Jul 2016 - May 2018

PQR Insurance Solutions, Chicago, IL

- Assisted in the development of risk assessment models that improved risk selection for new policies.
- Analyzed claims data to identify trends, contributing to a 15% decrease in loss ratios over two years.
- Participated in the migration to a new actuarial software, training team members on its functionalities.

EDUCATION

Bachelor of Science in Actuarial Science

May 2018

University of Illinois, Champaign, IL • GPA: 3.7

SKILLS

Technical Skills: Statistical Analysis, Risk Modeling, Data Visualization, Predictive Analytics

Tools & Frameworks: R, SAS, SQL, Excel