

# Ava Thompson

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## SUMMARY

Dedicated data analyst with over two years of experience managing and analyzing actuarial datasets crucial for insurance reserving projects. Proven expertise in SQL, R, and Python enables streamlined data processing and analysis to inform key business decisions. Relationships cultivated with actuarial and IT teams underscore a commitment to data integrity and efficiency. Excited about the opportunity at DataSolutions Inc. to leverage analytical skills by collaborating with professionals and contributing to innovative risk management strategies.

## EXPERIENCE

**Associate Data Analyst** June 2021 - Present  
Insurance Risk Solutions Chicago, IL

Focus on developing and executing robust SQL queries and scripts while ensuring data integrity across various systems for accurate actuarial reports.

- Streamlined reporting processes with SQL and R, enhancing overall accuracy in actuarial analyses.
- Collaborated with actuaries to compile detailed summaries from large datasets, pivotal for insurance decision-making.
- Conducted thorough validation and cleansing of data from diverse internal sources, ensuring the reliability of outputs.
- Created dynamic Excel tools that reduced reserving process time significantly.

**Data Analyst Intern** January 2021 - May 2021  
Data Insights Group Chicago, IL

Assisted on various projects focusing on data manipulation and validation. Fostered collaboration between teams to uphold standards of data quality.

- Engaged in data cleaning initiatives to improve client report accuracy, becoming key support in team efforts.
- Supported data processing and quality checks facilitating projects aimed at greater insights for clients.
- Worked collaboratively with multiple departments to establish clear documentation for all data procedures.
- Cultivated exposure to real-world data practices and methodologies critical for advancing my analytical competencies.

## LEADERSHIP & AWARDS

- Award for Excellence in Data Analysis, June 2022
- Top Performer Recognition, December 2021

## EDUCATION

**Bachelor's Degree in Data Science** 2021  
University of Illinois at Chicago GPA: 3.8 Chicago, IL  
*Coursework: Data Analysis, Statistical Modeling, Machine Learning, Data Visualization*

## CERTIFICATIONS

- SQL Certification 📅 2022
- R Programming Certification 📅 2022

## TECHNICAL SKILLS

- Programming Languages:** SQL, R, Python
- Database Management:** MySQL, PostgreSQL, SQLite
- Data Visualization Tools:** Tableau, Power BI, ggplot
- Statistical Analysis Software:** SAS, SPSS, Stata
- Project Management Tools:** Trello, Asana, JIRA
- Version Control Systems:** Git, GitHub, GitLab
- Office Productivity:** Excel, Google Sheets, Word
- Development Environments:** Jupyter Notebook, RStudio, Visual Studio Code
- Machine Learning Libraries:** scikit-learn, TensorFlow, Keras
- Documentation Tools:** Confluence, Microsoft Teams, SharePoint

## SKILLS

- SQL
- R
- Python
- Advanced Excel
- Data validation
- Data reconciliation
- Actuarial knowledge
- Data analysis
- Data visualization
- Reporting tools
- Statistical methods
- Collaboration skills
- Problem-solving
- Critical thinking
- Time management

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## PROFESSIONAL AFFILIATIONS

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- Member, American Academy of Actuaries
- Volunteer, Coding for Good initiative

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## LANGUAGES

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- English (Native)
- Spanish (Intermediate)

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## ADDITIONAL INFORMATION

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**Work Status** : Authorized to work in United States. No sponsorship required.

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## REFERENCES

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AVAILABLE ON REQUEST