



## **ASSOCIATE PREDICTIVE MODELER**

**Allstate Insurance Company**  
**Northbrook, IL**

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Allstate Insurance Company seeks an **Associate Predictive Modeler** for **Northbrook, IL**.

The Allstate Corporation is the nation's largest publicly held personal lines insurer. A Fortune 100 company, with \$156 billion in assets, Allstate sells 13 major lines of insurance, including auto, property, life and commercial. Allstate is widely known through the "You're in Good Hands With Allstate" slogan. Allstate was founded in 1931 and became a publicly traded company in 1993.

### **The purpose of this department is**

to apply economic, quantitative, statistical, and actuarial skills in the development of new pricing and financial models which contribute to Allstate's growth and profitability. We communicate this work to other departments and support implementation. This collaborative relationship helps Allstate win in an ever-changing and highly competitive marketplace

### **The scope of this job is**

to apply economic modeling and quantitative skills to contribute directly to new pricing and financial model development. Obtain, analyze and translate data into useful business information for development of new products and services, as well as competitive product pricing strategies.

### **The position will be responsible for**

- Identifying drivers of insurance costs and estimating the expected losses for classes of risks using advanced statistical techniques.
- Assist decision makers with studies that evaluate new business models for customer retention and growth initiatives as well as estimate the future value of customer segments.
- Estimating the economic impact of new pricing strategies, operational decisions and proposed legislation.
- Acting as an analytical consultant for other operational departments such as Pricing, Marketing, Finance and Risk Management.
- Communicate findings and recommendations to senior level management from across different departments.

**Please click [here](#) to see a video and learn more about the Associate Predictive Modeler opportunity!**

## **QUALIFICATIONS**

### **The skills required are:**

1. Solid skills and training in statistical modeling and other quantitative and research analytics (Linear and Non-Linear Regression Analysis, Multivariate Analysis, Bayesian Methods, Time Series Analysis, Generalized Linear Models, etc.).
2. Strong written and verbal communication skills including the ability to effectively collaborate with multi-disciplinary groups and all organizational levels.
3. High level organizational and project management skills in order to handle multiple concurrent assignments in a timely manner.
4. Strong decision making skills.

**Experience Preferred: (type of experience and number of years preferred)**

1 - 3 years of related experience from the insurance industry related to property and casualty (personal or commercial) business lines preferred.

**Computer Proficiency: (computer skills needed to do the job)**

Comfortable with basic data related and presentation packages like Access, Microsoft Excel, MS Word, PowerPoint etc. Familiarity with statistical packages such as SAS, Splus, Mathlab, SPSS, or STATA is a plus.

**Education:** Masters/MBA preferred

**Major preference:**

Master's degree in Statistics/Applied Statistics, Actuarial Science, Applied Mathematics, Operation Research, Economics, Engineering or MBA. PhD is preferred; 1-3 years prior experience from the insurance industry related to statistical modeling preferred.

Our customers aren't the only ones in Good Hands with Allstate! If you are interested in working for an employer of choice, then look no further. We offer:

- A commitment to diversity
- A commitment to success
- A commitment to our communities
- A commitment to work-life balance.

*At Allstate, you will be among the industry's top talent with an environment that encourages continuing development and growth opportunities. As a member of the Allstate Team, you will enjoy a customizable benefits plan, generous paid time away, an excellent 401K plan, a defined benefit pension plan and much, much more!*

*Are you in Good Hands?*

*Allstate is proud to be an Equal Opportunity Employer*

**HOW TO APPLY**

TO APPLY and/or learn more about this opportunity, please [CLICK HERE](#) or visit <https://allstate.taleo.net/careersection/10000/jobdetail.ftl?lang=en&job=0008Y4&src=PA-11380>