Acquire practical statistical analysis experience
Apply statistical methods to translate business issues into meaningful and verifiable quantitative analyses. Develop models to understand and find solutions to complex business questions.

Solve business problems with predictive modeling
Use predictive modeling to drive decisions that will impact every aspect of the business – from product pricing to claim management efficiency.

Support special research projects to propel business success
Bring real business value to customers and support efforts to build robust models that will drive continuous improvement to the organization.

As a member of the Liberty Mutual Advanced Analytics community, you will:
✓ Apply your academic knowledge to a variety of real-world business problems.
✓ Perform meaningful work in an environment that supports your continued learning by way of researching, recommending and implementing new and/or alternative statistical and mathematical methodologies.
✓ Gain in-depth practical experience in Commercial and Personal Insurance with the opportunity to work in a variety of disciplines such as product management research, claim research, distribution research, and marketing research.
✓ Utilize your quantitative skills to analyze and summarize data, formulate findings, and provide recommendations.
✓ Prepare and manipulate data, and develop predictive models and other tools to answer challenging business problems by using statistical software such as SAS, R, etc.
✓ Be part of a large, cross-functional advanced analytic community.

To Learn More:
We are seeking graduate-level Data Scientists for full-time and internship opportunities at Liberty Mutual.
Visit: www.libertymutualgroup.jobs

Questions?
PredictiveModeling@LibertyMutual.com
WHERE OUR DATA SCIENTISTS WORK

Personal Insurance Marketing Decisions
We support the growth, retention and profit objectives of Personal Insurance by developing excellent advertising, delivering lead volumes and generating customer insights, among many other effective and innovative tools.

Personal Insurance Distribution Insights
We deliver value-added analytical services to all channels and operations, with the goals of improved decision making and operational effectiveness. We conduct consistent, high-quality analytics tailored to the needs of each channel.

Personal Insurance Product Research
We support the growth and profitability goals of Personal Insurance through product analysis, pricing, and product implementation. We ensure delivery of a quality product at a fair price by finding innovative solutions to meet the changing needs of our customers.

Personal Insurance Claims Research
We develop complex methods and apply statistical models to multiple lines of business including auto physical damage, body injuries, fraud detection, and property.

Commercial Insurance Portfolio Modeling
Our team consists of actuaries, actuaries & actuarial students, and data experts. We develop statistical tools to improve pricing for both renewals and new business. Based on our work, we are able to assign value to account characteristics, and indicate whether a group of risks can be expected to be better or worse than average.

Commercial Insurance Claims
By analyzing performance trends, identifying improvement opportunities and building analytics-driven business rules and decision-support tools, we are dedicated to providing best-in-class claims service to our customers and their agents and brokers. We specialize in handling customers with customized claims service requirements.

Actuarial/Reserving Modeling
We utilize predictive modeling and other statistical techniques to enhance Actuarial analyses, including reserving, and work with other groups to advance analytics and incorporate modeling in other areas throughout the organization.

WHO WE ARE

- Liberty Mutual Insurance is an American diversified global insurer and the third-largest property and casualty insurer in the United States based on 2011 Property and Casualty direct written premium.

- Liberty Mutual ranks 81st on the Fortune 100 list of largest corporations in the United States based on 2012 revenue.

- Liberty Mutual is based in Boston, Massachusetts, and employs over 50,000 people in more than 900 locations throughout the world.

- As of December 31, 2012, Liberty Mutual Insurance had $120.1 billion in consolidated assets, $101.5 billion in consolidated liabilities, and $36.9 billion in annual consolidated revenue.

- Liberty Mutual offers a wide range of insurance products and services, including personal automobile, homeowners, workers compensation, commercial multiple peril, commercial automobile, general liability, global specialty, group disability, fire and surety.

WORKING FOR US

Continuous Development
Learning is on-going with training activities and programs that support individual learning and continuing education. Workshops and forums bring actuaries/modelers/data scientists together from all over the company, fostering a sense of community and supporting collaboration.

Benefits
- 401K and Company paid pension plan
- Medical coverage
- Dental coverage
- Paid time-off
- Pay-for-Performance
- Discounts on automobile and homeowner's insurance
- Discount fitness memberships
- Flexible spending accounts
- Tuition reimbursement
- Vision care coverage
- Work/Life resources
- Credit Union membership
- Employee and Dependent life insurance
- Disability insurance
- Accidental death & dismemberment insurance

Whether you're in school, or an experienced Data Scientist, we've got an opportunity for you.
To learn more, visit libertymutualgroup.jobs.
Contact us at: PredictiveModeling@libertymutual.com