DILLARD’S, INC. - DATA SCIENTIST

Dillard's, Inc. ranks among the nation's largest fashion retailers. The Company focuses on delivering style, service and value to its shoppers by offering compelling apparel, cosmetics and home selections complemented by exceptional customer care. Dillard's stores offer a broad selection of merchandise and feature products from both national and exclusive brand sources. The Company operates almost 300 Dillard's locations and several clearance centers, plus an Internet store at Dillards.com.

The Dillard's Inc. Advanced Analytics and Strategic Testing Team is working to grow our emerging advanced analytics practice along with our statistical testing initiatives. Advanced Analytics and Testing is a rapidly growing strategic focus for our organization. We are focused on creating analytic solutions by exploring innovative data and techniques; conducting exploratory data analysis and modeling; creating predictive and prescriptive models supporting a vast array of customer and business scenarios; performing statistical tests to enhance the predictability of deployed models as well as accurately measuring the effect of new innovative business ideas.

ROLES and RESPONSIBILITIES

- Works directly with all levels of the Business/Business leadership and Information Technology management to understand business problems and communicate insights/solutions.
- Translates data and complex ideas into meaningful and actionable insights that tell a “business story.”
- Engages in quantitative analysis on many non-standard and unique business problems using computer-intensive data mining techniques (decision trees, cluster analysis, etc.).
- Provides deep and sophisticated analytic capabilities to support retail business problems by understanding business challenges; collecting, cleaning, transforming, and restructuring data for statistical analysis; performing statistical summaries and tests for relevant business questions.
- Communicates analyses and insights to leaders by summarizing conclusions and solutions; translating analytics and statistics into clear, understandable themes for business leaders; identifying specific analytic results that drive actionable insights.
- Maintains consistency in analytic practices by brainstorming and partnering with other Statistical Data Analysts, continuously learning and sharing analytic methodology and techniques new to Dillard's.

QUALIFICATIONS and EXPERIENCE

- 2-5 years of experience working with analytic software (e.g., SPSS Modeler, Teradata Warehouse Miner, R Studio, Knime or similar tools) and performing data modeling, data mining, and exploratory data analysis (e.g., linear/logistic regression, ARIMA, Cluster Analysis) - applicable master level coursework and degree can be considered for up to 1 year of experience requirement.
- Strong personal drive and motivation; entrepreneurial and excellent at time management.
- General SQL knowledge.
• Excellent communication, organization and presentation skills.
• Ability to adapt and manage multiple responsibilities in a fast paced Agile work environment.
• A self-starter who is able to work both independently and as part of a team.
• Comfortable interacting professionally with a diverse group, executives, managers, statistical data analysts, subject matter experts, and end users.
• Ability to identify opportunities for improvement and lead change.

**DESIRABLE SKILLS**
• SPSS Modeler experience.
• SQL for Teradata.
• Tableau experience.
• Cognos experience.
• Strong command of SQL and statistical scripting/programming languages (R, Python, etc.).
• Strong understanding of Retail Business processes.
• Proficient with Microsoft Office tools (Excel, Word, PowerPoint, & Visio).
• Experience presenting to small and large groups of people.

To place your resume in application for this position, please email it to itrecruiting@dillards.com with “Data Scientist Application” in the subject line.