ABOUT PETSMART

Headquartered in Phoenix, AZ, PetSmart, Inc. is the #1 pet specialty retailer, offering pet-related products, services and solutions for the lifetime needs of pets.

PetSmart has just completed the acquisition of Chewy.com, a powerhouse eCommerce Pet Specialty pure play, in the largest eCommerce acquisition of all time. PetSmart is poised to transform the Pet Specialty industry, and reinvent Omni-Channel retailing as we know it.

PetSmart believes pets make us better people, leading to its mission of creating more moments for people to be inspired by pets, which impacts everything they do for their customers, the way they support their associates, and how they give back to their communities. The company employs approximately 54,000 associates, across 1,450 stores in the United States, Canada and Puerto Rico.

In addition to its broad range of competitively priced pet food and pet products, PetSmart offers pet grooming, boarding, day care and dog training services, as well as in-store pet adoption. Additionally, through petsmart.com and pet360.com, the company offers a comprehensive line of pet supplies and pet care information online. Additionally, through their in-store pet adoption, partnerships with independent non-profit organizations, as well as PetSmart Charities® and PetSmart Charities® of Canada, PetSmart has helped save the lives of over 7mm pets through adoptions of homeless pets, with adoptions totaling more than 400,000 each year. In addition, PetSmart supports organizations that make communities a better place to call home through their philanthropy program, PetSmart Gives Back™.

ABOUT THE ROLE

The PetSmart Data Scientists will help the CEO, Senior Leadership Team, and Board of Directors reinvent the Pet Care industry, leveraging Big Data and Advanced Analytics to understand what’s happening in our space, and why; to answer critical Consumer, Marketplace and Business questions; navigate the rapidly evolving landscape; and to capitalize on opportunities, and solidify and expand our leadership across both Brick and Mortar and Online Pet Retail.

Critical lines of inquiry fall into five investigative buckets:

1. **Explanatory**: What HAPPENED, and why?
2. **Diagnostic**: What IS happening, and why?
3. **Predictive**: What WILL HAPPEN, and how do we know?
4. **Proscriptive**: What CAN we DO? What SHOULD we DO? WHAT WILL we DO?
5. **Evaluative**: How did it GO / is it GOING, and why?

These lines of inquiry will be addressed by integrating and leveraging large, complex data sets across multiple data domains, to unearth and unlock insights that lead to transformative ACTION in the marketplace, across our PetSmart Brick-and-Mortar, and Chewy Online platforms, enhancing customer acquisition and retention, expanding Basket and Share of Wallet, and sustainably accelerating growth for both platforms.

This is a High-Visibility role, with regular access to the Leadership and Board of Directors, and with real immediate opportunity for disproportionate impact to the Industry and the Business.
In short, joining PetSmart in this role, at this moment, is, without exaggeration, an exceedingly rare opportunity to help this well-established, stable, 30-year old Brick and Mortar Specialty Retailer, combined with a powerhouse eCommerce pure play, redefine our industry, and reshape Omni-Channel retailing as we know it.

ABOUT YOU
- Exemplary background and technical skill set as a leader in this kind of work with a proven track record of success
- Deeply curious, and passionate about leveraging Big Data and Advanced Analytics to answer critical business questions
- Business Orientation, with a bias for unlocking insights that drive action and impact
- Executive presence, with confidence and poise in C-Level / Board of Director settings
- Collaborative professional who enjoys building cross functional effective relationships
- Energized about the opportunity to transform an industry, ready for the challenge, and excited about leaving a legacy
- Enjoy teaching others about Data Science and empower team members to use Analytics guidance
- Think Strategically – Recognizes and demonstrates significant long-term opportunities for success and accompanying risks. Applies a broad range of formal tools, processes and systems to organize and analyze information to develop strategies and tactics to enhance the organizations competitiveness.
- Enthusiastic about serving as a corporate authority (SME) in a technical discipline and being recognized as a world class expert.

QUALIFICATIONS
- Understands research methods in working with divergent data types, to explore and extrapolate data-driven insights using advanced, predictive statistical modeling and testing applied to data acquired from a range of sources.
- Advanced knowledge of statistical modeling techniques. Tools must include at least half of:
  - Clustering for unsupervised learning, Classification, K means, Multiple regression, Propensity modeling, Logistic regression, Econometric time series analysis, Survival analysis, Boot strapping, or Cross-validation;
  - Experimental designs, Test and learn, Reliability analysis, Validity and MTMM analysis, CDTs, Random forests, CART, TURF, Discrete choice modeling, HBA, Mixed models, Affinity analysis, SEO, SEM, Lifetime value, Dashboarding, Web analytics, Sentiment analysis, or Forecasting.
  - RFM analysis, Crowd sourcing, Bass diffusion modeling, Trial-repeat analysis, Lead-lag analysis, Market basket analysis, or Price elasticity.
- Strong programming experience with at least one of R, Python or SAS.
- Provide technical thought leadership across multiple teams, by understanding the technology space deeply enough to help guide big data strategy.

EDUCATION
Sr. Manager – Data Science  
PetSmart, Inc

- Masters in Statistics, Applied Mathematics, or heavily quantitative field (PhD preferred); or proven equivalent experience.

SKILLS

- Two or more (2+) years of professional Advanced Analytics experience.
- Fluency in Python, R, or SAS is required.
- Secondary strengths in C, Java, Hadoop, MapReduce, Matlab, Hive, Spark, SPSS, and/or SQL.

To Apply:

http://www.resumeware.net/petsmart_rw/petsmart_web/jobs.cfm?page=jobdetail&rType=External&regnum=24353&ReferredId=219