Lead Data Analyst

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Lead Data Analyst

Brown University

Rhode Island, United States

Lead Data Analyst
Brown University To view the full job posting and apply for this position, go to: https://brown.wd5.myworkdayjobs.com/en-US/staff-careers-brown/job/South-Street-Landing/Lead-Data-Analyst_REQ205358 **Job Description:** The Lead Data Analyst enhances the Advancement Division's ability to collect, analyze, and visually represent data to inform strategic decisions that drive engagement and philanthropic support for the University. Leveraging a wide range of demographic and behavioral data from internal and external sources, the incumbent will identify key trends and opportunities for growth through statistical analysis, modeling, and data visualization. Reporting to the Executive Director of Advancement Data Strategies and Marketing, this role will collaborate with colleagues across Advancement Marketing, Advancement Information Services, Data Management, and Research and Prospect Management. The position will also partner with the Office of Information Technology and the Data Science Institute on advanced machine learning projects that use historical behavioral data to predict outcomes and inform strategies to improve engagement and solicitation effectiveness. Additionally, the Lead Data Analyst will assist in building and maturing data analytics services within the Advancement Division. The incumbent will guide the team in establishing policies, developing protocols, and implementing best practices, ensuring continuous learning and application of emerging analytical and visualization techniques. **Education and Experience**

- Bachelor's degree with strong computational emphasis such as Computer Science, Engineering, Mathematics, Business Intelligence or related field required. Master's degree with strong computational emphasis preferred.
- Minimum of 5 years of relevant experience (data analytics, data science, mathematics, computer science, business intelligence) required.

Job Competencies

- Proficiency in querying languages such as SQL for accessing, manipulating, and analyzing data from relational databases.
- Experience with programming languages such as Python, R, MATLAB, or C++ for data analysis, modeling, and automation.
- Experience using data visualization and business intelligence tools such as Power BI, Tableau, Dundas BI, or Jupyter.
- Familiarity with web analytics tools such as Google Analytics for tracking engagement, conversion, and behavioral trends.
- Demonstrated knowledge of statistical modeling and classical machine learning techniques (e.g., linear regression, logistic regression, decision trees).
- Understanding of relational databases, data warehouses, and data management principles.
- Awareness of emerging artificial intelligence (AI) applications and tools, with an interest in exploring their potential use in data analytics and predictive modeling.
- Ability to translate complex analytical concepts into clear, actionable insights for non-technical stakeholders.
- Excellent analytical, problem-solving, and critical-thinking skills with strong attention to detail.
- Strong interpersonal, oral, and written communication skills.
- Proven ability to manage multiple projects and competing priorities in a fast-paced, collaborative environment.
- Versatile, enthusiastic, and committed to continuous learning and professional growth.
- Commitment to supporting a diverse and inclusive community.

Background Check: All offers of employment are contingent upon a successful criminal background check and education verification satisfactory to Brown. **Additional Information:** Please submit a resume and cover letter when applying for this position. To learn about Brown University's benefits, please visit here for further information. **Benefits of Working at Brown:** Information on the Benefits of Working at Brown can be found here. **Recruiting Start Date:**
2025-12-10 **Job Posting Title:**
Lead Data Analyst **Department:**
Advancement **Grade:**
Grade 11 **Worker Type:**
Employee **Worker Sub-Type**:
Regular **Time Type:**
Full time **Scheduled Weekly Hours:**
37.5 **Position Work Location:**

Hybrid **Submission Guidelines:** Please note that in order to be considered an applicant for any staff position at Brown University you must submit an application form for each position for which you believe you are qualified. Applications are not kept on file for future positions. Please include a cover letter and resume with each position application. This position is not eligible for visa sponsorship. **Still Have Questions?** If you have any questions you may contact employment@brown.edu. **Brown is an E-Verify Employer. EEO Statement:** Brown University provides equal opportunity and prohibits discrimination, harassment and retaliation based upon a person's race, color, religion, sex, age, national or ethnic origin, disability, veteran status, sexual orientation, gender identity, gender expression, or any other characteristic protected under applicable law, in the administration of its policies, programs, and activities. The University recognizes and rewards individuals on the basis of qualifications and performance. The University maintains certain affirmative action programs in compliance with applicable law.
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