

## **Job Posting – Data Scientist (Lakewood, CO)**

At NewGen Strategies and Solutions, our vision is to be the consulting company that makes a difference for our clients, our employees, and our community. Our values include making an impact, fostering innovation, expect quality, cultivating community and serving as a trusted advisor to our clients and community. We are searching for a Data Scientist to join our team in our Lakewood, CO office who is excited by the opportunity to develop new machine learning based analytical tools for the rapidly evolving energy industry. Other qualities desired in the ideal Data Scientist include:

- Intellectually curious
- Exceptional attention to detail
- Focus on customer experience
- Stays calm in high-stress situations
- Collaborative team player
- Comfortable working with constantly evolving requirements and deadlines
- Can synthesize large amounts of data
- Able to effectively use programming tools to problem solve (python, cloud services, etc.)
- Critical and analytical thinker
- Can work on multiple assignments at once

If our Data Scientist position sounds like the opportunity for you, please send your resume and cover letter. We look forward to hearing from you!

### **Job Description**

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The purpose of a Data Scientist is to manipulate, analyze, and build upon data in support of client engagements. In addition to data cleansing and aggregation, the Data Scientist will focus on creating sophisticated forecast models for a variety of use-cases including utility-scale financial, technical, and operational data. Model outputs will be user-friendly and explainable, leveraging sophisticated reports, charts, and graphs. The successful candidate will work directly with senior consultants and clients to diagnose issues and collaboratively design programmatic solutions.

Successful candidate will be responsible for the design, implementation, and execution of analytical solutions utilizing a variety of software systems and coding languages, including Python, cloud services (Google, AWS, and/or Azure), and Microsoft Excel. Primary job duties and responsibilities will include:

- Utilize applicable coding language, to design replicable and unique solutions.
- Establish data protocol to determine validity and integrity.
- Build production quality forecast models using a variety of algorithms including but not limited to linear regression, random forest regression, recurrent neural networks.
- Work independently and with various internal and external project teams.
- Conduct research on data analytic techniques and successfully integrate results.

- Present vetted solutions to internal and external clients.
- Design analytical methods and methodology to benefit external clients.
- Interpret results of data analytics and present findings clearly and efficiently.
- Clearly communicate techniques and result with clients and project team members.
- Support all other project work, as directed.

### Qualifications

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The successful candidate will have the following qualifications:

- Minimum requirement: Doctor's (PhD) in a quantitative field.
- Prior experience in advanced modeling and interpretation of large sets of time differentiated data.
- Problem solving and data analytical capabilities.
- Ability to work collaboratively within a team and communicate effectively with colleagues and clients.
- Must be proficient in English language and ability to communicate effectively using verbal, written, and visual graphic skills.
- Must have a minimum of two years professional working experience in addition to education.
- Professional certifications in applicable areas considered a plus.
- Background with financial and/or utility systems and experience with SQL, R, STATA, and/or SAS a plus.
- Experience with other coding languages/platforms for advanced analytics are also desirable (Linux, Bash, PowerShell, Java).
- Experience with API's and webscraping is considered a plus.
- Advanced knowledge of Power Query, PowerPivot, PowerBI, and working in Excel's Data Model coding in DAX language and writing VBA is considered a plus.

### Additional Information

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**Location:** Lakewood, CO. In person initially, then hybrid options available. We offer flexible work schedules with the understanding that a client deadline takes precedent. We are a client focused organization and therefore every position will have a utilization goal to meet.

**Employee Type:** Full Time, Exempt

**Salary:** We offer competitive salaries and bonuses. Our benefits package is competitive and includes medical insurance, maternity and paternity leave, 401K Plan with matching, paid vacation and holidays, and flexible work schedules. Investment in both formal and informal professional development is encouraged and funded by NewGen.

Base Compensation Range: \$130,000 - \$170,000

The range provided is NewGen's reasonable estimate of the base compensation for this role. The actual amount may be higher or lower, based on non-discriminatory factors such as location, experience, knowledge, skills, and abilities.

**Legally Authorized to Work in United States:** To qualify, applicants must be legally authorized to work in the United States, and should not require, now or in the future, sponsorship for employment visa status. NewGen is an equal opportunity employer and complies with all federal, state, and local fair employment practices laws. NewGen strictly prohibits and does not tolerate discrimination against employees, applicants, or any other covered persons because of race, color, religion, creed, national origin or ancestry, gender identity, sexual orientation, marital status, sex (including pregnancy), age, disability, past, current, or prospective service in the uniformed services, or any other characteristic protected under applicable federal, state, or local law.