



Data Analyst

Nuvve Corp. is a San Diego based company, whose mission is to lower the cost of electrical vehicle (EV) ownership while supporting the integration of renewable energy sources, such as wind and solar. Our Grid Integrated Vehicle platform GIVe™ transforms EVs into grid assets when charging while guaranteeing the expected level of charge when the vehicle owner needs it. The aggregation of thousands of electric vehicles into a virtual power plant using the GIVe platform, allows Nuvve to participate in electricity markets with a power capacity comparable to traditional generators. Based on “Vehicle To Grid” technology or “v2g” the GIVe platform gives benefits to public organizations, businesses and homes by reducing the cost of electric infrastructure and reducing CO2 emissions.

Nuvve is looking for an experienced Data Analyst to support the engineering and software development team with reports, analytics and visualizations to make quality, data-driven decisions. The Analyst will use advanced data modeling, predictive modeling and analytical techniques to interpret Nuvve's dataset. We are looking for a driven, data loving, team player that will jump in and thrive in a startup environment.

Responsibilities:

- Develop, implement, maintain and optimize databases, data collection systems, data analytics and other strategies that optimize data efficiency and quality
- Use data scrubbing tools or create scripts to systematically examine data for flaws to locate and correct code problems to improve data quality
- Identify, analyze, and interpret trends or patterns in complex data sets
- Use existing products and frameworks or create custom tools to visualize data set to help business and engineering teams to interpret operational and strategic data to identify inefficiencies, errors and to improve business, engineering and software development processes
- Assuring compliance with regulatory, security, and privacy requirements as it relates to data assets
- Work with management to prioritize business and engineering needs, locate and define new process improvement opportunities

Qualifications:

Required

- Minimum 3 years of Data Science/Analytics experience defining and analyzing large datasets using technologies like SQL, Python, R, Tableau, Julia, Spark, Stata, D3, Redash, etc.
- Experience working with large / diverse data sets, ETL, data cleaning and transformation experience
- Experience with Big Data technologies such as Hadoop, Spark Streaming, Spark Mllib, Cassandra, HDFS, MongoDB, InfluxDB etc.
- Advanced SQL skills and proficiency in Python, R, or equivalent
- Experience with Python, Java, C and/or C++ for data manipulation and analysis

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- Experience in combinatorial optimization and numerical analysis
- Familiar with object-oriented software development
- Familiar with Software design, Agile engineering and development, including familiarity with modern software development practices and tools
- Experience in scripting for automation on Linux
- Ability to facilitate experimentation and conduct experiment analysis
- BS in Computer Science, Engineering, Mathematics, or related technical discipline or equivalent combination of training and experience
- Experience sharing data with both technical and non-technical audiences, turning data into a story / visualization
- Demonstrated ability to work effectively and collaboratively in a team environment.
- Excellent analytical, statistical, and troubleshooting skills
- Excellent written and verbal communication skills in English

Preferred

- Advanced degree in computer science, computer engineering, data science, electrical engineering, Math, Physics or similar disciplines, plus five or more years' experience
- Experience building dashboards and visualizations in Tableau, or ability to quickly get up to speed
- Experience with large, complex scientific and technical software systems engineering, development and deployment
- Knowledge or Hands-on experiences in Caffe, Tensorflow, Torch, and/or Microsoft Cognitive Toolkit/CNTK
- Knowledge of distributed machine learning, unsupervised deep learning/neural networks

Nuvve's HQ is located in the Liberty Station area, close to the airport and booming San Diego areas such as Little Italy. Nuvve provides extremely attractive benefits including 401K.