



Prequalified Ready Employees for Power
Preparing Tomorrow's Energy Professionals

Prequalified Ready Employees for Power Intl
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A Division of Sadinsky & Partners Intl, LLC
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PREP Intl Position Profile – Sr Data Scientist – So CAL \$130 - \$180 K ++ depending on experience

Our client is one of the nation's largest investor-owned utilities. Their service territory includes ~ 430 cities and communities with a total customer base of about 5 million residential and business accounts. They serve nearly 15 million people in a 50,000 square-mile service area within Central, Coastal and So CA, maintaining more than 115,000 miles of transmission lines and ~ 1.5 million electricity poles. They're modernizing the power grid to enhance safety, security and reliability, meet the changing needs of customers, reduce carbon emissions and create a clean energy future.

As a Senior Data Scientist, you will help them discover the hidden information in vast amounts of data, and help make smart decisions to inform and guide business decisions surrounding carbon-free energy.

You'll create data models in Python, do statistical analysis and build high-quality prediction systems. Marry all of this insanely cool know-how with business strategies. As part of the newly formed Digital Center of Excellence, your influence will help shape our blueprint for things like an electric grid supplied by 80 percent carbon-free energy and putting more than 7 million electric vehicles on the roads and grid.

You must be smart. But you also will be a creative thinker – one who's just itching to propose innovative ways to use data. You will apply a healthy skepticism of existing assumptions to uncover hidden solutions to some of the challenges we might be facing. What's more, you know how to communicate clearly, even to non-technical folks ... and understand why it's important. You will be working with and supported by a top-notch team. So working well with and appreciating others is non-negotiable.

Qualifications: Degree in Statistics, Mathematics, Engineering, Computer Science, Information Sciences (e.g., Machine Learning, Business Analytics, Informatics) or other related field. In addition, you have 5+ years of experience as a Data Scientist; hopefully with a proven track record of leveraging analytics and big data to drive significant business impact. You have 8+ years of experience with data analytics, computational statistics or similar data mining work functions. **Proficiency in Python, Perl, Java or other similar scripting language.** You consider yourself an expert in predictive modeling and analysis, predictive algorithm development, machine learning algorithms, and data visualization solutions. And you have experience using statistical packages such as SAS or R, statistical analysis, quantitative analytics, forecasting & predictive analytics, multivariate testing, or optimization algorithms. Preferred candidates may also have:

- ⊖ MS or PhD in Operations Research, Computer Science, Statistics, Mathematics, or related fields
- ⊖ Knowledge of data modeling, data integration, and data life cycle management
- ⊖ Experience in data mining, large-scale data acquisition, transformation and cleaning
- ⊖ Expertise with Hadoop ecosystem (Hive, HBase, Pig, Spark Sql, etc.)
- ⊖ Demonstrated experience with the following:
 - ⊖ Database technologies (Oracle, SAP Hana, Teradata, MS SQL Server, MySQL and/or PostgreSQL, Vertica, Greenplum)
 - ⊖ NoSQL database technologies (MongoDB, Cassandra, CouchDB)
 - ⊖ Cloud computing, preferably with Microsoft Azure.

You must be legally authorized to work directly as employee for any employer in the US without visa sponsorship.

Our Client and PREP Intl are equal opportunity employers who considers all qualified applicants without regard to race, color, sex, sexual orientation, gender identity, age, religion, disability, national origin, citizenship, height, weight, genetic information, marital status, pregnancy, protected veteran status or any other status protected by law. Qualified Veterans, minorities and women are encouraged to [apply online](#).