Who we are: In order to decarbonize the grid, the world needs better carbon data and analytics. To support this mission, Singularity Energy is building the world's highest quality view of historical, real-time, and forecasted grid carbon emissions. Today, grid carbon data is siloed, outdated, and lacks spatial and temporal granularity, and with new climate pledges and decarbonization plans being announced every day, there is a tremendous need to get the underlying data right. We started by launching a data and analytics [platform](#) (with 700M+ data points and growing) that helps companies build carbon-aware products, and we're looking to grow our team in order to improve the sophistication of our offerings and expand our capabilities to become the 'carbon intelligence layer' for companies and governments.

About the role: We're looking for a data scientist to create innovative carbon models, improve our forecasting sophistication, and drive new data products. You'll own end-to-end development of breakthrough technologies that rely heavily on complex power systems data and machine learning. You'll be working on a range of tasks including: translating real customer needs into data science problems, researching new algorithms and forecasting methodologies, working with software engineers to bring new models into production, and publishing technical papers with our founder.

Ideal background:

ML/Data Science	*Power Systems*	*Software*
● Data wrangling	● Power flows	● Python
● Time series models	● Power markets	● GitHub
● Forecasting algorithms	● Energy management	● Unix
● Optimization	● Scope 2 emissions	● PostgreSQL

Expectations

What you can expect from us

- **Competitive compensation**: $100-$120K plus 0.1-0.5% equity depending on experience
- **Flexible hours**: unlimited vacation, work from home and sick time
- **Career growth**: you'll be joining a small, high-caliber, and flat team, with unlimited contribution and growth opportunities
- **Exciting mission**: we're doing this to help solve climate change

What we will expect from you

- **Mission driven:** you believe that climate change is the defining challenge of our generation and that tech must be part of the solution
- **Independent:** you are an independent self-starter who loves to learn and apply new knowledge to build products that delight customers
- **Customer focus:** you believe that delivering customer value is the best route to building a successful company

Qualifications
- MS or PhD in power systems, engineering, statistics, machine learning, or data science
- Experience with developing mathematical algorithms
- Publications in power systems or data science
- Proven track record of driving projects from ideation to completion
- Excellent written and verbal communication

Send your Resume to jobs@singularity.energy