



# David Lopez

## Energy Sector Data Scientist

Houston, TX  
david.lopez@email.com  
(555) 876-4329  
[LinkedIn](#) | [Portfolio](#)

### Energy sector data scientist leveraging AI for sustainability

Experienced energy sector data scientist with seven years of experience in power consumption forecasting, smart grid analytics, and predictive maintenance for energy systems.

## Professional Experience

### Energy Data Scientist

RenewableTech Solutions | Houston, TX | July 2020 - Present

- Developed a solar energy forecasting model that improved efficiency by 30%
- Designed predictive maintenance models that reduced equipment failures by 25%
- Integrated IoT sensor data to optimize energy grid performance

### Data Analyst (Energy Sector)

GreenPower Analytics | Denver, CO | August 2016 - June 2020

- Conducted real-time energy consumption analysis to identify inefficiencies
- Built an AI-powered energy demand forecasting model with 90% accuracy
- Collaborated with engineers to optimize power grid performance

## Education

### Master of Science in Environmental Data Science

Stanford University, Stanford, CA | May 2016

## Key Skills

	Energy consumption modeling
	Renewable energy forecasting
	Smart grid analytics
	Predictive maintenance
	IoT and sensor data analysis