



David Lopez

Energy Sector Data Scientist

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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

<div style="width: 100%; height: 10px; background-color: #000000;"></div>	Energy consumption modeling
<div style="width: 85%; height: 10px; background-color: #000000;"></div>	Renewable energy forecasting
<div style="width: 70%; height: 10px; background-color: #000000;"></div>	Smart grid analytics
<div style="width: 50%; height: 10px; background-color: #000000;"></div>	Predictive maintenance
<div style="width: 30%; height: 10px; background-color: #000000;"></div>	IoT and sensor data analysis