

# Michelle Griffith

## Data Scientist | Data Analyst | Analytics Engineer

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[LinkedIn](#) | [GitHub](#)

I am a versatile and motivated Data Scientist with a diverse background in prop-tech, clean tech, and space tech. My expertise encompasses data modeling, analytics, & machine learning, with a foundation in engineering & physics. I excel in creating custom data solutions, data storytelling & interpretation, and creative problem-solving to meet stakeholder needs. I am committed to transforming complex datasets into actionable insights, I aspire to contribute to a mission-driven organization by blending my technical skills with interpersonal strengths to foster collaborative solutions that lead to a more sustainable and equitable future.

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## SKILLS

### Languages & Tools:

Python (pandas, scikit-learn, Jupyter), SQL (Snowflake, Postgres, BigQuery), GCP (Vertex AI, BigQuery), dbt, Dashboarding (Sigma), AWS, Google Workspace.

### Modeling & Analytics:

Data modeling, historical data validation, dataset preparation, data visualization & interpretation

### Collaboration & Communication:

Cross-functional team alignment, data storytelling, stakeholder communication, customer-facing experience

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## PROFESSIONAL EXPERIENCE

### Divvy Homes, Feb 2022-Sept 2023 /// Data Scientist I & II

- Developed and monitored machine learning models for predicting customer behavior and asset LTV
- Managed end-to-end data pipelines, ensuring accuracy and reliability of data
- Collaborated with cross-functional teams, aligning data analytics with business objectives
- Validated models through historical data analysis

### Maxar, May 2021- Feb 2022 /// AWS Cloud Governance Engineer

- Managed Cloud Governance, focusing on cloud resource compliance and optimization.
- Utilized RQL queries and IaC scans for cloud resource assessment and strategic fixes.

### Thinkful, 2020-2021 /// Data Science Intensive Training

Selected Projects can be found on [GitHub](#)

### Independent Business Owner & Contractor, 2015-19 /// Athlete, Outdoor Guide, Wellness Professional

- Led off-grid adventure retreats and orchestrated large-scale outdoor events.
- Communicated with clients and curated holistic experiences.

### National Renewable Energy Laboratory, Golden, CO, 2013 /// Photovoltaics Researcher

- Spearheaded research initiatives to enhance the efficiency of Cadmium Telluride (CdTe) thin-film solar cells.
- Fabricated CdTe solar cells in sputtering chamber, collected and processed resultant performance data delivered insights on refining the Cadmium Sulfide layer parameters for optimal CdTe solar cell performance.

### National Renewable Energy Laboratory, Golden, CO, 2011-12 /// CleanTech Business Intern

- Served as an intern for the Industry Growth Forum hosted by NREL, advising cleantech startups at various stages of their application journey for the pitch competition and efficiently managed client data using Salesforce CRM.

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**EDUCATION:** Colorado School of Mines, Golden, CO / Bachelor of Science, Engineering Physics, 2014, Cum Laude