

ELENA VASQUEZ

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Senior data scientist with 8 years across marketplace and logistics teams. Equally happy debugging a feature pipeline at 9pm or arguing a roadmap in a planning meeting. Known for keeping models simple enough to actually maintain.

EXPERIENCE

Senior Data Scientist, Marketplace | Foxglove Logistics | Portland, OR | 2020-Present

- Lead the pricing model for last-mile delivery in eight metros, current revision lifted contribution margin by \$4.7M annualized.
- Replaced a tangled stack of seven Airflow DAGs with three dbt models and a single scoring job, cutting on-call pages roughly in half.
- Set up a shadow scoring framework so new models run alongside production for two weeks before any traffic switch.
- Coach three data scientists on experiment design, including a quarterly office hour open to product managers.
- Co-authored the team's internal guide on when not to use machine learning.

Data Scientist | Tidewater Marketplace | Seattle, WA | 2017-2020

- Built a seller fraud detection model in XGBoost that flagged about 18% more bad actors at the same false positive rate as the previous rules system.
- Owned weekly KPI reviews with the trust and safety org, including a standing slot for surprising findings.
- Migrated the experimentation analysis from notebooks to a versioned Python package the whole team adopted.

Analyst, Growth | Tidewater Marketplace | Seattle, WA | 2016-2017

- Ran funnel analyses for the signup flow that identified a verification step responsible for a meaningful share of drop-off.
- Built SQL queries and Looker views still used by the growth team today.
- Promoted into the Data Scientist role after eleven months.

EDUCATION

M.S. Computer Science | University of Washington, 2016

B.S. Industrial Engineering | Oregon State University, 2014

SKILLS

- Python, SQL, Scala (reading only)
- XGBoost, LightGBM, uplift modeling, causal forests
- Airflow, dbt, Snowflake, Databricks
- Experiment design, shadow deployment, model monitoring
- Cross-functional partnership with product and ops

