# Job details

Gather Inc. is a thriving real estate enterprise headquartered in Phoenix, Arizona. We’re seeking a data scientist to build, train, and integrate machine learning models for demand-based rent pricing and predictive analytics across a large portfolio of single-family homes.

This role will also partner with engineering leaders to develop back-end infrastructure to support the scaling of ML-based business intelligence assets. By applying your technical skills, analytical mindset, and intuition to huge, rich data sets, you will help us manage billions of dollars in assets.

# About the company

Founded in 2009, we purchase, sell, and manage a vast collection of properties. Our business services also include loan servicing for both residential and commercial properties. We have a portfolio in excess of $5 billion in assets, including undeveloped land, houses, and condos.

# Role

Our future data scientist will analyze and model critical data that will drive our business strategies.

* Translate business needs into seamless ML-based tools supporting real-time and automated decision-making
* Develop infrastructure/algorithms supporting single-family home rental rate optimization
* Collaborate with DevOps engineers to implement model production
* Improve data quality and pricing model accuracy based on pricing and demand
* Launch and scale pricing systems across a portfolio of single-family communities
* Collaborate on data pipeline strategy and roadmap development for model training, real-time pricing, and continuous model improvement

# Beneﬁts

We’re committed to offering competitive salaries and a comprehensive beneﬁts package.

* Job type: full-time, onsite
* Salary: $89,000–132,000 per year
* Additional compensation: bonuses and proﬁt sharing
* Insurance: health, dental, vision, life
* Retirement: 401(k)

# Qualiﬁcations

* Master's degree in statistics or related ﬁeld
* 5+ years combined experience in software development and data science
* Experience with data science /machine learning tools, including Jupyter Notebooks, TensorFlow (or other), NumPy, Pandas, Scikit-learn, etc.
* Expertise in Python and querying languages (e.g. SQL)
* Familiarity with Java
* Knowledge of assembling/preparing data sets and conducting feature engineering
* Strong understanding of practical machine-learning techniques
* Familiarity with architecting, building, testing, and scaling resilient back-end services
* Experience with modern data pipelines for computer vision applications