Data Scientist - Ops & Finance

Remote or San Francisco, CA

Hazel Health is the nation's largest virtual provider of school-based healthcare services, and has been recognized by Fast Company as _"one of the world's most innovative places to work"_ in 2023.

By partnering with districts and health plans across the country, Hazel transforms schools into the most accessible front door to physical and mental healthcare. Today, Hazel's diverse team of licensed providers deliver therapy and medical services virtually (in school or at home) to over four million K-12 students — regardless of their insurance status or ability to pay. Hazel aims to remove all barriers to the mental and physical health care that children need to thrive: in school, at home, and in life.

Helping students and their families feel better takes a team of smart, dedicated people. As an integral member of the Hazel team, you will…

- **Make an Impact**: Work with a team that is increasing equitable access of quality health care experiences for students and their families
- **Enable Scale**: Work with a team that is building and professionalizing a high growth high impact social enterprise
- **Feel Valued**: Work with a team that is being compensated competitively, developed professionally, and celebrated frequently for making a meaningful difference

Check us out at Hazel Health Careers.

The Role: Data Scientist - Operations & Forecasting

Location: Remote

About This Role:

As a Data Scientist at Hazel Health, you will play a crucial role in our data-driven growth strategy through the effective development of forecasting and classification models to help improve our abilities to predict where demand will grow for our services and to gain more insights from our data on how to transform our clinical programs. You will work closely with cross-functional teams to develop and implement scalable and reliable models and present findings generated by the models to stakeholders who can then take action. This role will be a blend of problem discovery, model building, presenting, iterating, and implementing models in production and monitoring the models. This is a technical data role with a strong preference for healthcare and workforce acumen.

What You'll Do:

- Develop and refine forecasting models to predict demand growth for healthcare services.
- Build and implement classification models to extract actionable insights from clinical data.
- Collaborate with cross-functional teams, including clinicians, product managers, and engineers, to integrate models into clinical programs and business strategies.
- Present complex data analyses and model outcomes to stakeholders, translating technical findings into actionable business insights.
- Iterate on models based on feedback and new data to continually enhance accuracy and relevance.
- Deploy models into production environments, ensuring scalability and reliability.
- Monitor and maintain deployed models, addressing performance issues and ensuring they remain aligned with business needs.
- Conduct exploratory data analysis to identify new opportunities for using data to drive impact within the organization.
- Utilize healthcare and workforce data to inform decision-making and support strategic initiatives.
- Document methodologies and findings, contributing to the organization's knowledge base and best practices.

About You:

- 5+ years hands-on experience developing reproducible and scalable research studies.
- Consistently worked with forecasting (ex: ARIMA, ETS, SARIMA, Prophet, Holt-Winters) and classification (ex: logistic regression, GBM, k-NN, CNNs) models along
- Consistently work with languages like Python, SQL, and R, along with libraries like TensorFlow, PyTorch, Scikit-learn, and NLP-specific tools like NLTK, SpaCy, or Hugging Face transformers.
- Possesses ability to effectively communicate complex model outputs and insights to stakeholders, translating technical findings into actionable business insights.
- Have developed and refined forecasting models to predict supply and demand growth, preferably for healthcare services organizations.
- Built and implemented classification models to extract actionable insights from clinical data.
- Worked collaboratively with cross-functional teams to integrate models into workflows and business strategies and iterated on models based on feedback and new data to continually enhance accuracy and relevance.
- Deployed models into production environments, ensuring scalability and reliability.
- Monitored and maintained deployed models, addressing performance issues and ensuring they remain aligned with business needs.
- Conducted exploratory data analysis to identify new opportunities for using data to drive impact within the organization.
- Documented methodologies and findings, contributing to the organization's knowledge base and best practices.
- Preference for a Master's or Ph.D. in Data Science, Statistics, Public Health, Behavioral Health, or a related field.

If you're excited about this role but your past experience doesn't align with every qualification in the job description, we encourage you to apply anyway.

Total compensation for this role is market competitive, with a base salary range of *$125,000 to $150,000*, a 401k match, healthcare coverage, paid time off, and a broad range of other benefits and perks. Review our benefits at Hazel Health Benefits.

We believe talent is everywhere, and so is opportunity. While we have physical offices in San Francisco and Dallas, we have embraced working remotely throughout the United States. While some roles may require proximity to our San Francisco or Dallas offices, remote roles can sit in any of the following states: AZ, CA, CO, DC, DE, FL, GA, HI, IL, ME, MD, MA, MI, MO, NE, NV, NJ, NM, NY, NC, OR, PA, SC, TN, TX, VT, VA, WA and WI. Please only apply if you live and work full-time in one of the states listed above or plan to relocate to one of these states before starting your employment with Hazel. State locations and specifics are subject to change as our hiring requirements shift.

We are committed to creating a diverse, inclusive and equitable workplace. Hazel Health values the minds, experiences and perspectives of people from all walks of life. We are proud to value diversity and be an equal opportunity employer. Qualified candidates with arrest and conviction records will be considered for employment in accordance with the Fair Hiring laws. Learn more about working with us at Hazel Health Life.