# Job details

Whats Amattau Limited is a growing nonproﬁt that provides healthcare services and outreach to small/underserved communities. We are a passionate, driven, and highly team-oriented group looking for a like-minded data science professional to join our team. Our data scientist role is perfect for someone who cares about serving people as much as they love discovering useful information from vast amounts of data.

# About the company

Whats Amattau Limited started in 2012 in scenic Spokane, Washington. We rely heavily on healthcare and demographic data analysis, as well as focus on leveraging technology and big data to drive growth. We need someone who can make an immediate impact by taking the initiative to build a data science team and create a set of processes and procedures to enable us to build successful services for our communities.

# Role

The main objective of this role is to assess vast quantities of data and collaborate with our business teams to create KPIs/tools to evaluate our processes and services.

* Collect data from established channels and by analyzing business results or new studies
* Create new, experimental frameworks and build tools to automate data collection
* Carry out preprocessing, cleansing, and validating data
* Mine and analyze data from company databases
* Correlate similar data to ﬁnd actionable information and present results concisely
* Collaborate with stakeholders to leverage data and expand data collection procedures
* Assess the effectiveness and accuracy of new data sources and data-gathering techniques
* Develop custom data models/algorithms to apply to data sets, and use predictive modeling
* Institute company A/B testing framework and test model quality
* Create processes and tools to monitor and analyze model performance and data accuracy

# Beneﬁts

* Job type: full-time, some travel required
* Salary: $122,000–168,500/year with opportunities for bonuses
* Insurance: health, dental, vision, life
* Retirement: 401(k)

# Qualiﬁcations

* A master’s degree in computer science, mathematics, statistics, or engineering
* Experience using statistical computer languages (R, Python, SLQ, etc.) and coding experience with C, C++, Java, and Javascript
* Working knowledge of a variety of advanced machine-learning techniques, including regression, simulation, scenario analysis, modeling, and artiﬁcial neural networks
* Expertise with statistical and data mining techniques including GLM/Regression, Random Forest, Boosting, Trees, text mining, social network analysis, etc.
* Experience analyzing data from third-party providers
* Strong technical writing and presentation skills
* Exceptional analytical and problem-solving skills