



**Job Title:** Data Scientist

**Location:** Wayne, PA

**Company Description:**

HVH Precision Analytics applies AI/machine learning techniques to the breadth of healthcare and non-healthcare data integrated with our deep clinical expertise to provide a unique and unmatched suite of services and products to the pharmaceutical and healthcare industries. Our ability to collect, aggregate, and analyze the journeys of known patients to inform the early diagnosis of undiagnosed patients is revolutionary in the healthcare market, and helps our clients maximize their ability to find and engage patients.

HVH is a joint venture between Perspecta (formerly Vencore and Lockheed Martin), which has offerings in mission services, digital transformation and enterprise operations for U.S. government customers in defense, intelligence, civilian, health care, and state and local markets, and Havas Health & You (part of Havas Group), a global strategic communications partner to many top biopharma companies.

We are seeking highly motivated individuals who are passionate about AI/machine learning and its application across disparate data resources to help our healthcare clients gain insights not previously possible and to connect patients to therapies sooner and positively impact their lives.

**Job Description:**

Data science professional to perform healthcare analysis to support healthcare analytics and machine learning projects. These analysis tasks will involve developing original code and leveraging HVH's existing healthcare analytics platform to provide analytic content in support of project work, RFP responses and other business needs. The professional will be a member of HVH's analytics team.

**Job Requirements:**

- Apply data mining and machine learning techniques and models to extract analytic insights from healthcare and non-healthcare data sets
- Develop visualizations for delivery to clients
- Develop software solutions using Python, and/or R
- Interface with other HVH analysts and program managers and with HVH customers
- Contribute to HVH's machine learning platform

**Required Skills**

The skills required for this position are listed below:

- Degree in any of the following majors: Engineering, Computer Science, Mathematics, Bioinformatics, Physics, Quantitative Economics, Statistics

- Minimum Bachelor's degree with 2-4 years of experience or Master's degree in one of the above listed majors
- Works independently and is a self-starter
- Client interface and presentation skills
- Proficiency in the following programming and analysis tools:
  - Visualization tools (PowerBI)
  - Python (pandas, scikit-learn, Numpy, Scipy, and database access packages)
  - SQL / (MySQL)
  - AWS (Redshift)
  - Microsoft Excel
  - R
  - PowerPoint: presentation development skills
  - Linux (Red Hat, Ubuntu); Python and software development in a Linux environment
- Consideration will be given to prior publications, independent software projects completed, and non-proprietary code authored by the candidate
- Experience in one of the following areas would be a plus:
  - Population Health
  - Health Economics
  - Epidemiology
  - Machine learning in healthcare
  - Work on production-level machine learning platforms
  - Genomics data/bioinformatics
  - Social media analysis/NLP
  - Automated ad placement algorithms