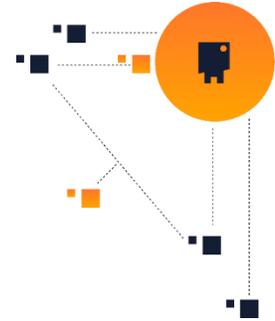




Data Science Engineer

Bangalore, India

Everwell innovates, designs, builds and deploys user-centric technology for healthcare programs across the world. From new ideas in patient health management, to integrating and building best-in-class tools inside a unified global platform, we tackle critical, challenging, real-world problems in health and engineering innovation.



We started with an idea called [99DOTS](#), a low-cost solution to tackle the challenge of adherence to medication. Over time we have expanded to support a broad patient management ecosystem (spanning mobile, web, SMS, IVR etc.) – called the [Everwell Hub](#) – which supports a wide variety of things related to health care management (including various adherence technologies like 99DOTS, pill boxes; end to end patient and staff management; engagement features; country specific needs like Direct Benefit Transfers to stakeholders etc.).

About our work:

- The [Everwell Hub](#) platform is used for health program management for the entire TB program of India – over 8 million patients per year from over 4,50,000 health care facilities
- Leveraging the [Everwell Hub](#) platform, we have been deploying [99DOTS](#) (and other adherence technologies) across the world – starting from India (>130,000 patients already) and spreading across the world (8 other countries beyond India as of now).
- The platform forms the backbone of various large-scale TB initiatives in India. For instance, Direct Benefit Transfer schemes in India (targeting a distribution of ~ 600 crore INR / 85 million USD per year directly to patients and staff) are being launched on this platform.
- The platform supports a wide variety of modalities to allow the greatest impact for staff and patients alike – these are offered using mobile applications, web dashboards, SMS/IVR solutions for non-internet enabled usage, rich analytics and reports, and many more. All of these are designed, built, customized and maintained by our engineering team.
- The company is ISO 27001 certified and takes pride in maintaining and managing information security aspects.

Our team

Our work has been recognized and praised by [Bill Gates](#) and [Satya Nadella](#) as some of the most innovative technology work for social good. As a spin-out company from [Microsoft Research India](#), Everwell's diverse team comes from Harvard, MIT, Cambridge, BITS, and IIIT with a history of collaborations developing innovative technology. We pride ourselves on focusing on users first, thinking from the user perspective given the spectrum of technology access and acceptability for patients – born out of research, we rigorously evaluate and measure as we develop. Everwell fosters a culture of continual learning and development, a collaborative and exciting office environment, personal ownership of projects and career growth, flexible work schedules, and always promotes team members to have a fulfilling life outside of work.

Role

We're looking to expand our team with people that are passionate about our mission, professional experience and want to grow alongside us! We have a growing team of 60 members and manage data of diverse nature (imaging, raw storage, video and audio) and of large proportions in hybrid cloud setup across different data centers. We are looking for someone to drive the analytics roadmap and will provide descriptive and predictive solutions to the marketing and product management team through a combination of data mining techniques as well as use statistical and machine learning techniques for segmentation and prediction.

Responsibilities

- ✓ Demonstrate thorough technical knowledge on Statistical modeling, Probability and Decision theory, Operations Research techniques and other quantitative modeling techniques.
- ✓ Create and maintain optimal data pipeline architecture, automating manual processes, optimizing data delivery, re-designing infrastructure for greater scalability, etc.
- ✓ Have excellent business and communication skills to be able to work with business owners to develop and define key business questions and to build data sets that answer those questions. You own customer relationships about data and execute tasks that are manifestations of such ownership, like ensuring high data availability, low latency, documenting data details and transformations and handling user notifications and training.

Qualifications

Minimum

- ✓ PHD with 1 year experience or Masters with three years of experience or a Bachelors with five years of experience in Computer Science, Statistics, Informatics, Information Systems or another quantitative field.
- ✓ Experience of message queuing, stream processing, and highly scalable 'big data' data stores like Hadoop, Spark, Kafka, etc.
- ✓ Strong command in SQL, R, Python, or another scripting language; command line usage; experience in Java (preferable).
- ✓ A successful history of manipulating, processing and extracting value from large disconnected datasets.
- ✓ Understanding of relational and dimensional data modeling. Evidence of using of relevant statistical measures such as confidence intervals, significance of error measurements, development and evaluation data sets, etc. in data analysis projects
- ✓ Excellent communication skill (written and verbal) in English and interpersonal skills, strong decision-making ability, and organizational skills to ensure follow through with all activities.

Beneficial but not required

- ✓ Experience in setting up open source data pipeline and workflow management softwares like Apache Airflow, Luigi, Azkaban etc.
- ✓ Experience in creating data driven visualizations to describe an end-to-end system

Compensation

Commensurate with experience and extremely competitive to the market.

How to Apply

Email careers@everwell.org with an English version of your CV, subject line: Data Science Engineer application