Data Scientist (Digital Real World Data)

- Job Title: Data Scientist
- Location: IN – Hyderabad, HU - Budapest
- Flexible working: 60% at-home, 40% in-office / week
- Job type: Permanent, Full time

About the Digital Data Team

We are an innovative global healthcare company, driven by one purpose: we chase the miracles of science to improve people's lives. Sanofi, across some 100 countries, is dedicated to transforming the practice of medicine by working to turn the impossible into the possible. We provide potentially life-changing treatment options and life-saving vaccine protection to millions of people globally, while putting sustainability and social responsibility at the center of our ambitions.

Sanofi's Digital Data Organization's mission is to transform Sanofi into a data and AI first organization by empowering everyone with good data. Through custom developed products built on world class data foundations and platforms, the team builds value and a unique competitive advantage that scales across our markets, R&D and manufacturing sites. The team is located in major hubs in Paris, Lyon, Hyderabad, Budapest, Barcelona, Cambridge, Bridgewater, and Toronto. Join a dynamic, fast paced and talented team, with world class mentorship, using AI to chase the miracle of science. The Real World Data team in particular...

About Growing with Us

We are on a journey to surface valuable medical insights from the sea of information to enable data-driven prioritization of resources to improve patient impact. We plan to accomplish this by developing a platform that leverages Artificial Intelligence to collate volumes of data from a wide-range of sources and synthesize the information into actionable insights, and we need your expertise to educate and accelerate our roadmap.

Reporting to the Real World Data (RWD) Science Manager, you will be an influential member of an Agile development team. You have a general understanding of machine learning and a deep understanding of the latest generative AI techniques and have a pulse on the evolution of the space. You have played around with the latest AI tools, and can describe the underlying technologies and pros and cons of each. You are comfortable rolling up your sleeves and working on projects to build production-quality software and data pipelines.

Primary Responsibilities

- Propose innovative ways to look at problems using generative AI and machine learning
- Apply advanced techniques to gather insights from text and table-based datasets
- Track and monitor model and algorithm performance and provide recommendations for improvement
- **Comfortable working as part of a software development team to deliver production-grade software**
- **Comfortable creating scalable data pipelines with appropriate monitoring and quality control**
- Collaborate with other Data Scientists and engineers on the teamand share your Data science work broadly within the company

About you

Qualifications

- 3+ years of experience in analytics and data science using traditional and machine learning techniques
- Master's degree (or BS degree plus 2+ years equivalent experience) in computer science, applied mathematics, applied statistics, engineering, economics or similar quantitative field of study
- Hands on experience building generative AI and ML applications in a production environment (full ML system development, deployment, and maintenance lifecycle)
- Deep understanding of classic machine learning and GenAI techniques, models and tools
- Ability to perform exploratory analysis and experiments using new techniques, define metrics, draw logical conclusions, and move experiments to production
- Familiarity with knowledge graphs or LLM agents is a plus

When joining our team, you will experience:
- An international work environment, in which you can develop your talent and realize ideas and innovations within a competent team.
- An attractive, market-oriented salary and cafeteria benefits.
- Flexible home office policy, with a possibility to work up to 60% of time from home / where you can easily schedule your office days.
- Work from an "Office of the Year 2020" finalist office.
- Collective life and accident insurance.
- Yearly medical check-up.
- Exposure to training and certification pathways for technical and functional skills from AWS, SnowFlake, Informatica and others.
- An individual and well-structured introduction and training of new employees and we will dedicate a Buddy for you to better navigate in your first weeks.
- Your own career path within Sanofi. Your professional and personal development will be supported purposefully.
- Join a great community & special events (Monthly Board Game Nights, Summer Events, Well-Being Lectures & Sport Clubs).

Pursue progress, discover extraordinary
Better is out there. Better medications, better outcomes, better science. But progress doesn't happen without people – people from different backgrounds, in different locations, doing different roles, all united by one thing: a desire to make miracles happen. So, let's be those people.

At Sanofi, we provide equal opportunities to all regardless of race, colour, ancestry, religion, sex, national origin, sexual orientation, age, citizenship, marital status, disability, or gender identity

#Sanofi #WeNeverSettle #SanofiCareers #PursueProgress #DiscoverExtraordinary #joinsanofi #careerswithpurpose #SBSBUDAPEST #LI-EUR

At Sanofi diversity and inclusion is foundational to how we operate and embedded in our Core Values. We recognize to truly tap into the richness diversity brings we must lead with inclusion and have a workplace where those differences can thrive and be leveraged to empower the lives of our colleagues, patients and customers. We respect and celebrate the diversity of our people, their backgrounds and experiences and provide equal opportunity for all.