

# Senior Data Scientist

## Description

Oracle's Software Assurance organization has the mission to make application security and software assurance, at scale, a reality. We are an inclusive and diverse team of high caliber data science and ML application researchers and engineers, distributed globally, who thrive on new challenges. We are seeking an experienced Machine Learning Engineer or Data Scientist with technical expertise in Recommender Systems, Natural Language Processing (NLP), and Computer Vision, to join our growing team of multidisciplinary data science and ML experts. As a Senior Data Scientist, you will work closely with the technical and research teams on innovative, strategic projects including advanced applications of ML for the organization. This role is responsible for working on innovative projects for the team, collaborating with other experienced professionals, communication with both internal and external stakeholder leadership teams, and must demonstrate critical thinking abilities, outstanding communication skills, project management experience and the ability to lead and collaborate with other experienced technical professionals.

## What we offer

- Being part of one of the most strategic departments of Oracle, cooperating with an international team of data science and ML experts with diverse backgrounds worldwide
- Opportunities for career growth and technical leadership
- Exposure to cutting edge applications of AI/ML and the opportunity to work with research teams on innovative solutions
- Evaluating and understanding large production deep learning systems composed of dozens of models
- Developing novel metrics that provide analytical insights to non-technical stakeholders into how well these kinds of systems are operating.

Career Level - IC3

## Required skills

- BS in Computer Science, Data Science, Machine Learning, or related technical fields
- At least 5 years of hands-on experience (may include graduate studies in computer science or related technical fields) with increasing scope in developing and implementing ML solutions
- Thorough understanding of CS fundamentals including data structures, algorithms, and complexity analysis
- Strong software development experience through hands on coding
- Detailed knowledge of modern deep learning concepts, including but not limited to Generative AI (GenAI) models, FCN, CNN, RNN, Autoencoders, Transformers, and Large Language Models (LLM)
- Familiarity with version control practices (Git), containers, [MLOps](#)
- Experience with at least one cloud platform
- Experience in formulating analytical problems into actionable research and applying advanced machine learning techniques for problem solving
- Good communication skills to convey sophisticated topics in straightforward terms to stakeholders (internal or external)

## Hiring organization

Candidate-1st

## Employment Type

Full-time

## Beginning of employment

asap

## Job Location

READING, United Kingdom

## Working Hours

40

## Base Salary

euro GBP 99K - 165K \*

## Date posted

May 22, 2024

- A drive to solve hard problems at scale
- Experience in technical writing, project documentation, and/or technical publications

### **Preferred Skills**

- MS/PhD in Computer Science, Data Science, Machine Learning, or related technical fields
- Familiarity with Learning to Rank models, recommender systems, especially deep learning-based recommender systems, computer vision models, Generative AI models
- Familiarity with serverless architecture, ML model hosting strategies, and model testing techniques

### **Travel**

- The position will require approximately 50% travel to Reading UK

As a world leader in cloud solutions, Oracle uses tomorrow's technology to tackle today's problems. True innovation starts with diverse perspectives and various abilities and backgrounds.

When everyone's voice is heard, we're inspired to go beyond what's been done before. It's why we're committed to expanding our inclusive workforce that promotes diverse insights and perspectives.

We've partnered with industry-leaders in almost every sector—and continue to thrive after 40+ years of change by operating with integrity.

Oracle careers open the door to global opportunities where work-life balance flourishes. We offer a highly competitive suite of employee benefits designed on the principles of parity and consistency. We put our people first with flexible medical, life insurance and retirement options. We also encourage employees to give back to their communities through our volunteer programs.

We're committed to including people with disabilities at all stages of the employment process. If you require accessibility assistance or accommodation for a disability at any point, let us know by calling +1 888 404 2494, option one.

Disclaimer:

Oracle is an Equal Employment Opportunity Employer\*. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, sexual orientation, gender identity, disability and protected veterans' status, or any other characteristic protected by law. Oracle will consider for employment qualified applicants with arrest and conviction records pursuant to applicable law.

\* Which includes being a United States Affirmative Action Employer

### **How the process will look like**

Your teammates will gather all requirements within our organization. Then, once priority has been discussed, you will decide as a team on the best solutions and architecture to meet these needs. In continuous increments and continuous communication between the team and stakeholders, you're part of making data play an even more important (and understood) part withing Brand New Day.

**Job Benefits**

GBP 99K – 165K \*