# Cloud Engineer, AI Analysis

**Description**

Founded by mathematicians and cyber defense experts in 2013, Darktrace is a global leader in cyber security AI, delivering complete AI-powered solutions in its mission to free the world of cyber disruption. We protect more than 8,400 customers from the world's most complex threats, including ransomware, cloud, and SaaS attacks.

Our roots lie deep in innovation. The Darktrace AI Research Centre based in Cambridge, UK, has conducted research establishing new thresholds in cyber security, with technology innovations backed by over 130 patents and pending applications. The company's European R&D center is located in The Hague, Netherlands.

Headquartered in Cambridge, UK, Darktrace has more than 2,400 employees located globally. Customers include public sector agencies, education institutions, media, organizations supplying critical infrastructure, and businesses of all sizes worldwide.

This is an excellent opportunity to join a fast-growing company, named one of *TIME magazine's* "Most Influential Companies" for 2021 and one of *Fast Company's* "Most Innovative AI Companies" in 2022. For more information on our cutting-edge technology, visit [darktrace.com](darktrace.com).

You will join the dedicated R&D teams in Cambridge that create and improve the products behind the company's rapid growth. Our software engineers work on a wide variety of projects and with a diverse toolset.

The AI Analysis team focuses on a range of products and software which aim to automate the human analysis process, including the Cyber AI Analyst, as well as a number of other products and the data and infrastructure to support them. Members of the team typically work in one or more areas including Python development, security research and analysis, machine learning research, and cloud architecture.

This is a hybrid role, and the expectation would be to work at least 2 days a week in the Cambridge office.

To find out more about our world-class products and wider business, please consult our website www.darktrace.com.

As a Cloud Engineer within AI Analysis team, responsibilities include, but not limited to:

- Contributing to rapid prototyping of new and innovative ideas to further improve Darktrace's services and offerings,
- Developing, managing, configuring, and automating systems and services in cloud environments (AWS, Azure, GCP)

Innovation is of paramount importance and as such, creativity in approach is encouraged as much as traditional project-based development.

**Candidate requirements:**

**Hiring organization**
Candidate-1st

**Employment Type**
Full-time

**Beginning of employment**
asap

**Job Location**
Cambridge

**Working Hours**
40

**Base Salary**
euro GBP 32K - 59K *

**Date posted**
May 21, 2024

We welcome applications from engineers who have a solution focused mindset combined with an analytical approach and problem-solving skills. During the interview process you'll be able to demonstrate your ability to program using Python and will show an understanding of writing code in a production environment. Additionally, it's likely that you'll be:

- Comfortable working autonomously and taking independent decisions as well as having the ability to work cooperatively within a team,
- Knowledge of key features of Cloud Service Providers,
- Ability to code to implement essential security measures,
- Skills in writing, correcting, and debugging code modules,
- Familiar with Docker,

Experience of working with a range of other programming languages such as JavaScript, Go or Rust would also be beneficial but isn't essential.

**Benefits:**

- 23 days holiday + all public holidays. Increasing to 25 days after 2 years of service.
- Additional day off for your birthday.
- Private medical insurance.
- Life insurance.
- Pension – 4% employer contribution.
- Enhanced family leave.
- Confidential employee support.
- Cycle to work scheme.

#LI-Hybrid

**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 32K – 59K *