

10 Reasons

Why The Greater
Rotterdam -
The Hague area
is the Hotspot
for **Data
Science & AI**



**Innovation
Quarter**

*invest & innovate
in Greater
Rotterdam - The Hague*

10 Reasons why the Greater Rotterdam – The Hague area is the Hotspot for **Data Science & AI**

The greater Rotterdam – The Hague area, which includes Delft and Leiden, combines a leading position in international AI research with great opportunities for business applications. In terms of ecosystem, steady growth is foreseen in both the number and size of startups and scaleups in the region who support, develop or apply AI technology. Knowledge institutes, private sector and government agencies are seriously increasing co-operation and investment in data science and AI. They develop a future-proof, independent, and consultative ecosystem for responsible use of these technologies. If you are looking to expand your business in Data Science & AI to mainland Europe, take a look at these top 10 reasons to invest and innovate in the Greater Rotterdam – the Hague area.

1 RESEARCH

1.500+ scientists in the region working on AI related research

The region has a strong innovation position with 3 collaborating top-100 universities. It is also home to 4 universities of applied science, TNO and two academic medical centers. The universities of applied sciences are mainly focusing on responsible AI and its application.



 TU Delft	Fundamental and applied AI engineering, machine learning and human centred AI
 Erasmus University	Data science research, combined with economics and societal implications
 Leiden University	Medical imaging, the search for candidate drugs and decision-making algorithms
 TNO	Combines AI technologies with multidisciplinary expertise to create responsible system solutions

2 ACCESS TO TALENT

Delft University of Technology (TU Delft):



Delft University of Technology is the **#2** university in the Netherlands for Computer Sciences.



The universities of Delft, Leiden and Rotterdam jointly offer specialised **AI education to 1,500** students per year.



The Hague University of Applied Science launched the **first Bachelor's degree programme** focused on Applied Data Science & AI.

IT students in the region:



Delft University of Technology	4312
Rotterdam University of Applied Science	2394
The Hague University of Applied Science	2242
Leiden University	1561
Leiden University of Applied Science	1265

3 REGIONAL TALENT COMMUNITIES

Easy access to talent thanks to several initiatives that match business and (young) talent:

- **Regional International Job Portal**
- **Erasmus Enterprise Talent Event**
- **YES!Talents**
- **R-Ladies**
- **TechGrounds**
- **TU Delft Career Center**



4 ACCESS TO CAPITAL

Numerous (international) investors are active on the Dutch market. **38%** of Dutch AI startups and scaleups are backed by international investors. Active funds in the region include:



- IQ Capital
- UNIIQ
- KPN Ventures
- Endeit Capital
- 4impact
- CNBB
- Icos Capital
- ENERGIQ

5 SUPPORTIVE ECOSYSTEM FOR ENTREPRENEURS

The greater Rotterdam - The Hague area has a supportive ecosystem in place that welcomes entrepreneurs and helps you grow your AI company.



6 AREAS OF EXPERTISE Main business applications of AI in the greater Rotterdam - The Hague area:



Predictive analytics & Decision support



Content recognition



Pattern & Anomaly detection



Robotics and Autonomous Systems

7 LEADING SECTORS AND CORPORATIONS

Our region is home to leading corporations, pioneering the application of Data Science and Artificial Intelligence, including:

- | | | | |
|----------------------------|--------------------------------------|------------------------------|--------------------------------|
| Energy | • Shell, Vopak, SBM Offshore | Safety & Security | • Fox IT, KPN, Technolution |
| Life Sciences | • Janssen Biologics, Galapagos | Manufacturing | • Airborne, Krohne, Airbus D&S |
| Port & Maritime | • Port of Rotterdam, DAMEN, Boskalis | Agri & Food | • Lely, Rijk Zwaan, Priva |

8 INDUSTRY INNOVATION LABS

The region houses 5 industry innovation labs within the national Innovation Center for Artificial Intelligence (ICAI), where the TU Delft collaborates with corporates and partners on AI innovations.

- **AI for Bioscience Lab:** production technologies and biobased products
- **AI for Fintech Research Lab:** AI in the context of financial technology
- **AI for Retail Lab:** robotics innovations in the retail industry
- **Mercury Machine Learning Lab:** travel booking and recommendation service systems
- **Police Lab AI:** safety in a socially, legally and ethically responsible way



9 BUSINESS ECOSYSTEM The region is home to many data- and AI-driven companies, including startups & scaleups.



10 NATIONAL AMBITION

The **Netherlands AI Coalition (NLAIC)** is a national collaboration between government, business community, research and industry partners. It functions as the **catalyst for AI applications** in our country. Regional platform **'Zuid-Holland AI'** is an official partner and recognized as one of its seven **AI hubs**.



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The Greater Rotterdam – The Hague area, the Hotspot for Data Science & AI

Expand your Data Science & AI business to Europe

The Greater Rotterdam - The Hague area has 160 active startups and scaleups with 4.300 employees (~22% of Dutch startups) and large corporates investing in AI, three top universities, universities of applied sciences and two medical centers combining the efforts of ~1.500 researchers and a fast-growing talent pool of students and professionals. Many of these AI startups address societal challenges in the Netherlands and beyond. They solve complex logistical problems in the world's largest port areas, contribute to accelerating the energy transition, improve medical care and help to solve the global food supply issue.



InnovationQuarter is the Economic Development Agency for the Greater Rotterdam – The Hague area in the Netherlands. We provide free assistance and advice to international companies looking to locate in this region. In addition, we facilitate co-operation between companies, academic institutions and government. Moreover, InnovationQuarter funds innovative and fast-growing businesses in the region.

THE GREATER ROTTERDAM – THE HAGUE AREA OFFERS YOU

- A strategic location in the heart of Europe
- Excellent business, research and incubation facilities
- Highly educated and multilingual workforce
- Competitive tax climate
- Excellent quality of life



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