

# The Future of Tech

## A 2025 report by Per Scholas

What 2,000 tech professionals told us about the future of AI, data, and cybersecurity — and why it matters now.



# Our 2025 Tech Report: An Introduction

## Is tech ready for what's next?

AI, cybersecurity, and infrastructure demands are scaling fast. But the bigger challenge isn't just technical — it's human.

Companies are pouring money into tools and systems. But many are falling behind on the talent side: hiring the right people, upskilling their teams, and building the workforce it takes to deliver.

## We asked the people doing the work.

To understand how tech professionals are navigating this moment, we surveyed thousands of them — from engineers to executives. What we found is a clear gap between ambition and readiness — and a growing urgency to close it.

### The big picture

**\$452B**

**GLOBAL DATA CENTER MARKET  
REVENUE PROJECTED FOR 2025**  
(Source: Statista Market Forecast)

**\$10.5T**

**EXPECTED CYBERCRIME  
COSTS BY 2025**  
(Source: Cybercrime Magazine)

**18**  
**Zettabytes**

**PROJECTED GLOBAL DATA CREATION  
IN 2025 — A 23% JUMP FROM LAST YEAR**  
(Source: Exploding Topics)

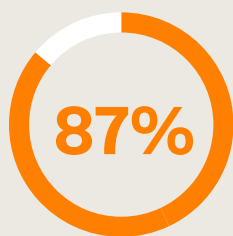
**93.6%**

**FORTUNE 500 COMPANIES THAT  
RELY ON CLOUD OR COLOCATION  
DATA CENTERS AS OF 2024**  
(Source: Parametrix)

# Leaders are overestimating their teams' AI adoption

Most executives assume AI is embedded in their teams' daily work. But in our survey, a third of employees said they don't use it at all, revealing a gap between leadership perception and reality.

The risk? Companies may be deploying AI tools without knowing whether their teams are ready to use them.



**OF EXECUTIVES SAY THEIR EMPLOYEES ARE ALREADY USING AI**

*(Source: 2025 Future of Tech Survey, conducted by Talker Research on behalf of Per Scholas)*



**1 in 3 employees**

**SAY AI ISN'T PART OF THEIR WORKFLOW**

*(Source: 2025 Future of Tech Survey)*

**“Business leaders have a critical opportunity to embed AI meaningfully into their operations by ensuring their teams are trained, empowered, and upskilled for the specific technologies they aim to deploy.”**

—Brittany Murrey, EVP, Per Scholas

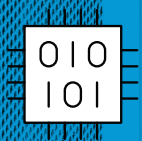




# Data centers are booming, but talent is running dry

Data centers, the backbone of the digital economy, are expanding rapidly. Yet the workforce to power them is struggling to keep pace.

Billions are flowing into infrastructure — but not into the talent to run it. Without skilled people, these investments could stall. The tools are in place. The people need to be as well.



## \$5.2T

PROJECTED INVESTMENT IN  
AI-POWERED DATA CENTER  
INFRASTRUCTURE BY 2030

(Source: McKinsey & Company)



## 82%

A MAJORITY AGREE THAT  
CYBERSECURITY SKILLS ARE  
CRUCIAL FOR DATA CENTER  
PROFESSIONALS

(Source: 2025 Future of Tech Survey)



## 60%

OF DATA CENTER LEADERS  
SAY HIRING AND RETENTION  
ARE A MAJOR CHALLENGE

(Source: 2025 Future of Tech Survey)

## Roles hardest to fill:

CLOUD ARCHITECTS | DEVOPS ENGINEERS | OPERATORS



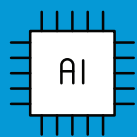
# Employees see what others don't

While leaders build roadmaps and run town halls, employees are watching things fail in real time. They see the gaps. The breakdowns. The blind spots.

They know what's coming — because they're already in it. The disconnect? The leaders themselves may not realize how far behind they already are.

## A risky disconnect

### Employees

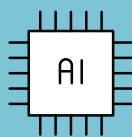


**63%**

**DON'T BELIEVE THEIR COMPANY  
CAN KEEP UP WITH AI-FUELED  
INFRASTRUCTURE**

*(Source: 2025 Future of Tech Survey)*

### Executives



**87%**

**THINK EMPLOYEES ARE  
ALREADY USING AI**

*(Source: 2025 Future of Tech Survey)*



**52%**

**SAY THEIR COMPANY ISN'T WELL  
PREPARED FOR CYBERATTACKS**

*(Source: 2025 Future of Tech Survey)*



**2/3**

**SAY CYBERSECURITY  
IS UNDER CONTROL**

*(Source: 2025 Future of Tech Survey)*

# The workforce is willing to step up, but waiting

The workforce isn't just watching — they're ready to act. Given the right training and opportunity, they will close the gap. But most companies haven't yet made that leap.



**88%**

**OF WORKERS WOULD UPSKILL  
IF GIVEN THE OPPORTUNITY**

*(Source: 2025 Future of Tech Survey)*



**82%**

**OF THOSE SURVEYED SAY  
CYBERSECURITY SKILLS ARE  
ESSENTIAL FOR DATA CENTER ROLES**

*(Source: 2025 Future of Tech Survey)*



**7 HRS**

**AMOUNT WORKERS ARE WILLING  
TO INVEST PER MONTH IN TRAINING**

*(Source: 2025 Future of Tech Survey)*



# Per Scholas is building the workforce to keep up

The tech talent shortage is real. Companies face critical gaps — but the workforce is ready, and so are we. Per Scholas trains thousands of job-ready professionals every year in cybersecurity, AI, cloud, and data center roles. We can build the teams that keep tech moving forward.

## TRAINING PROGRAMS:

Information Technology

Cybersecurity

Data Engineering & Analytics

Cloud DevOps

Artificial Intelligence

Human Resource Management  
& Customer Relationship Management

Software Engineering

## REAL RESULTS

“Per Scholas helped us build a strong tech pipeline — creating opportunities while meeting our long-term hiring needs.”

— Barclays, via Forbes, Oct 2023

### By the numbers



# 20%

**BOOST IN WORKER  
PRODUCTIVITY IN THE  
FIRST 6 MONTHS**



# 40%

**LESS TURNOVER  
AMONG PER SCHOLAS  
HIRES**



# 20K

**GRADUATES  
SINCE 2020**



# Let's build the future of the workforce, together.

Partner with Per Scholas to build the AI-ready, cybersecurity-strong workforce the future demands. Start a conversation with us at [talentadvisors@perscholas.org](mailto:talentadvisors@perscholas.org)

