

THE FUTURE WORKFORCE WITH AI

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NOT AN EXPERT

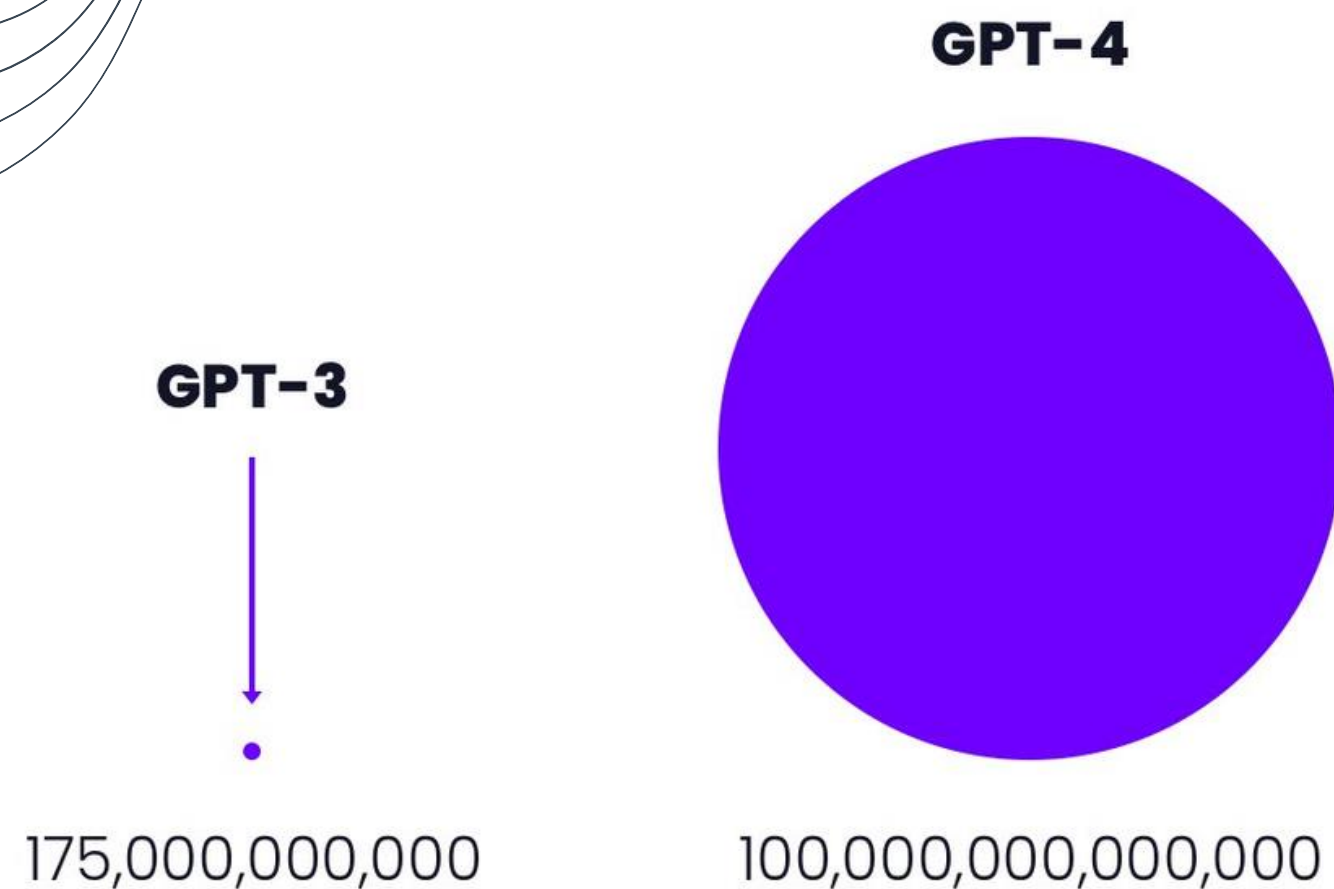
WHY DO I CARE?

WHAT DO WE EXPECT?

HOW WILL WE COPE?

EXPONENTIAL GROWTH...

How far will we go?



WHAT DOES IT MEAN FOR THE ENERGY SECTOR

AI can be used to
develop and
implement energy-
efficient technologies
and strategies

ENERGY EFFICIENCY

Analysis of energy use,
weather, and grid data
helps optimize
generation, distribution,
and consumption,
saving resources and
cutting costs.

GRID OPTIMISATION

AI evaluates energy
sources' environmental
impact, aiding
decisions for emission
reduction and
sustainability

ENVIRONMENTAL IMPACT ANALYSIS

VALUED SKILLS...

Currently...

- Engineering
- Accounting
- Data Analyst
- Software development



Future skills...

- Critical thinking
- Fact-checking
- Prompt generation
- Emotional Intelligence
- Communication

JOB DISPLACEMENT?

85 million jobs
globally will be
replaced by AI
by 2025.



AI can potentially
generate 97
million new roles.



COLLABORATION NOT COMPETITION



By combining the strengths of both humans and AI, we can achieve significant performance improvements.

EFFICIENCY

01

COMPLEMENTARY STRENGTHS

AI processes data and automates tasks; humans contribute creativity, empathy, and critical thinking for informed decisions.

02

INCREASED EFFICIENCY

AI speeds up repetitive tasks, allowing staff to tackle complex work, boosting productivity.

03

INNOVATION

AI offers data-driven insights for new ideas, while humans contribute creativity and critical thinking to make actionable plans.

04

ETHICAL CONSIDERATIONS

Job displacement, privacy, and responsible AI use are concerns. Addressing these ensures positive AI-human collaboration.

HOW DO YOU ADAPT?

SHIFT YOUR CULTURE

- Accept change will happen
- Foster an adaptive culture
- Allow positive space for innovation

RESKILL & UPSKILL

- Develop your existing people
- Be attractive by offering upskilling

STAY AHEAD OF THE CURVE

- Create a strategy for AI implementation
 - Collaborate with third parties



THINK HARDER

How are you contributing to a culture of learning and skill development to get ahead of the curve of our evolving industry?