AI Will Drive Demand for New Skills

Emerging areas of expertise needed to fuel the development of artificial intelligence (AI) will likely be technical or knowledge-intensive fields.

Prospects include:

**DATA SCIENCE**
Current shortages for data scientists and individuals with skills associated with human/machine parity will likely continue.

**ETHICS**
AI ethicists will manage risks and liabilities, as well as transparency requirements (i.e., a cross between a data scientist and a compliance officer).

**AI TRAINING**
Machine learning will require companies to invest in personnel capable of training AI models successfully and managing operations.

**INTERNET OF THINGS**
Electrical engineering, radio propagation, and network infrastructure skills will be needed to manage the interconnection of computing devices in everyday objects.

**ADDITIONAL SKILL AREAS**
High-demand skills could include modeling, computational intelligence, machine learning, mathematics, psychology, linguistics, and neuroscience.

As the jobs that support AI evolve, companies must be prepared to secure new skills. A proactive approach to the AI-driven landscape of work can be a key ingredient to a talent advantage in the future.

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