ARTIFICIAL INTELLIGENCE (AI) ENGINEER

DEVELOPS AI-BASED SOLUTIONS TO ADDRESS PROBLEMS AND DEVELOP INTELLIGENT SYSTEMS
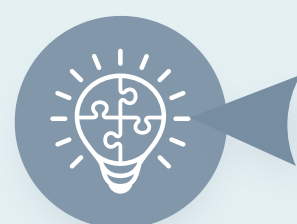
HIGH

FUTURE GROWTH POTENTIAL IN THE LABOUR MARKET

High foreseen impact on social and technological change

Focus on personalised recommendations, demand forecasts, supply chain optimisation, customer sentiment analysis and chatbot-based customer support

SKILLS REQUIRED

Problem-solving
Finding solutions to difficult or complex issue

Critical thinking
Thinking clearly to undertstand the logical connection between ideas

Data processing and analysis
Conversing data into understandable information

Computing and information technology
Carrying out diverse tasks using different types of technology

LABOUR MARKET TRENDS

◄ Main areas are research & development, financial technology (fintech), health, e-commerce & retail, transportation, manufacturing and energy

◄ Significant increase in companies' adoption of AI technologies to improve efficiency, make data-driven decisions and enhance customer experience

◄ Surge in AI-focused innovation-based startups in need for such AI professionals

EDUCATION & TRAINING

Proficiency in programming languages, data structures, algorithms and software engineering principles
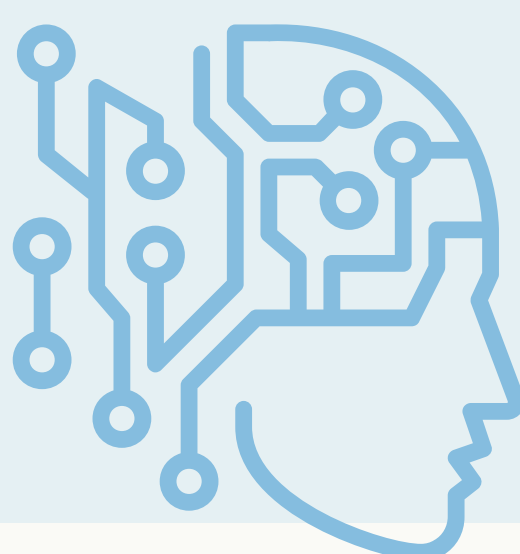
Solid understanding of mathematics and statistics (including modeling)

CHALLENGES AND OPPORTUNITIES

Competitive salaries and benefits due to AI professionals shortage

AI is a rapidly evolving field and allows the exploitation of new ideas and solutions

Need for continuous upskilling and awareness on ethical responsability

Key areas

Technology
Mathematics

FUTURE WOMEN

UCTM SOFIA · MINDSHIFT · FOUND.ATION · DANMAR COMPUTERS · OAMK OULU UNIVERSITY OF APPLIED SCIENCES · VIVAFEMINA