



TRENDY
PRACE 2025

Introduction remarks on

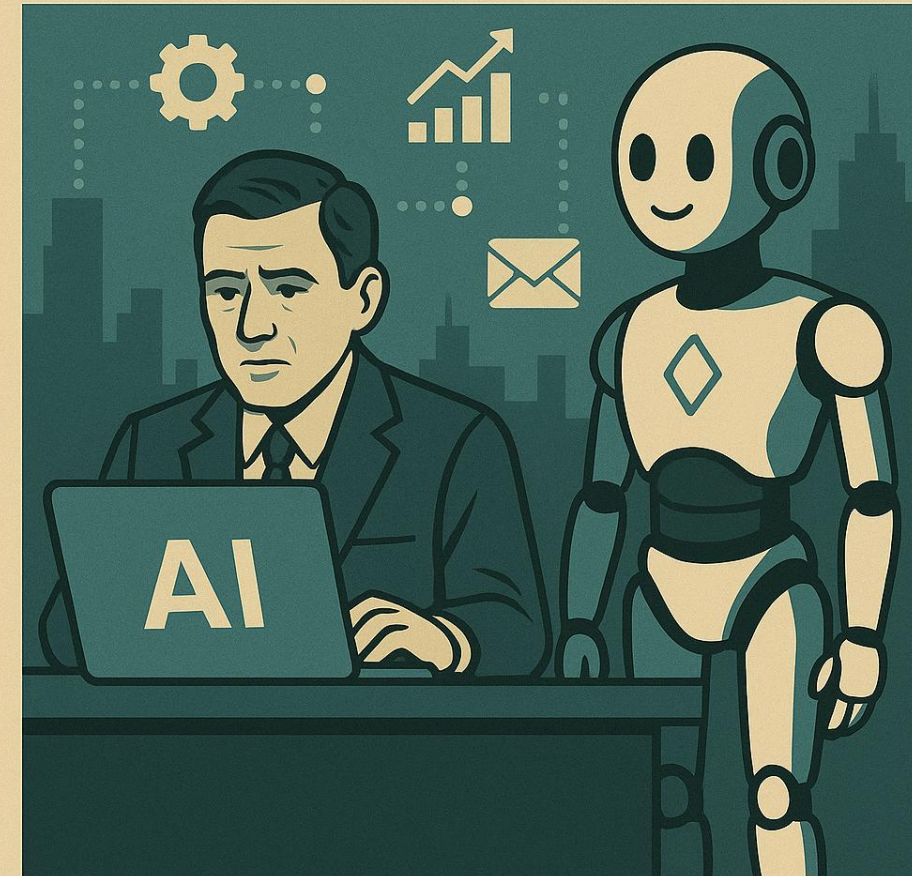
what to think about when AI is
here to take our jobs

by Michal Pěchouček
for **TRENDY
PRACE 2025**



> In a similar style create a graphics that will
open my keynote on AI workforce automation

AI FOR WORKFORCE AUTOMATION



Scale of Impact

- **Approximately 30% of work hours across the global economy could be automated by 2030** ["The Economic Potential of Generative AI: The Next Productivity Frontier." Published June 2024.]
- **12-15% of global jobs face high automation risk, while 25-30% will undergo significant transformation** [International Labour Organisation. (2024). "AI and the Future of Work: Global Assessment of Automation, Transformation and Adaptation." Published March 2024.]
- **Generative AI could expose the equivalent of 300 million full-time jobs to automation.** ["The Potentially Large Effects of Artificial Intelligence on Economic Growth." Global Economics Analyst. Goldman Sachs Research. Published April 2023.]
- **The industries representing 60% of global GDP were experiencing significant AI-driven workflow transformations** ["Global AI Adoption Index: Sector-Specific Impacts and Transformation." Oxford Economics. Published January 2024.]
- **By 2027, AI augmentation would generate \$7 trillion in business value while eliminating 2.3 million jobs but creating 2.9 million new positions.** [Gartner Research. "AI Workforce Dynamics: Job Creation and Displacement Forecast 2024-2027." Published August 2024.]



> give me reference data from 2024-2025 that illustrate the scale of impact of AI adoption for job automation and add proper citations

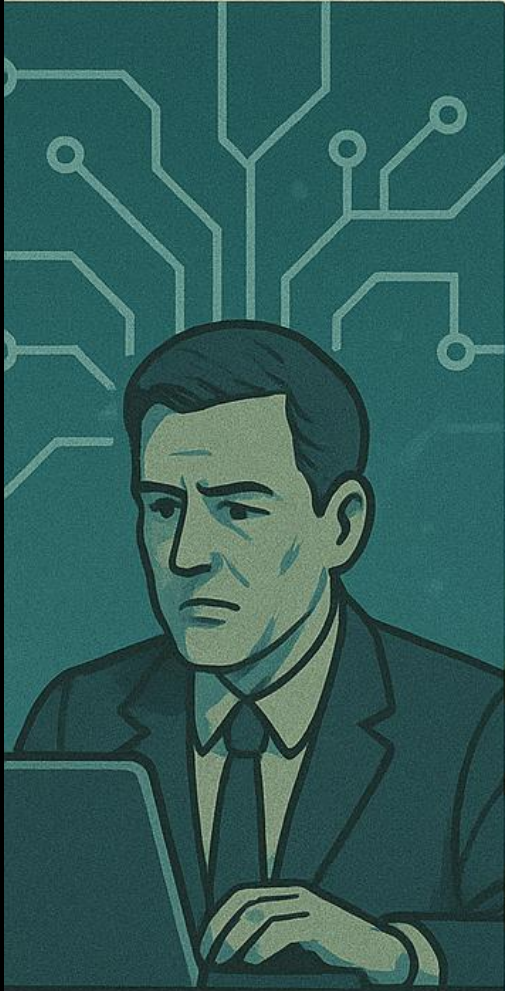
Jobs Already Being Transformed

- **Customer service (AI chatbots handling 65-75% of routine inquiries).**
[Forrester Research. "Customer Service AI Implementation Report." Published May 2024.]
- **Medical diagnostics (AI systems achieving 85-90% accuracy in specific imaging analyses).**
[Journal of the American Medical Association (JAMA). (2024). "Comparing AI and Radiologist Performance in Diagnostic Imaging: A Meta-Analysis." Vol. 331, Issue 9.]
- **Legal research (AI reducing document review time by 60-70%).**
[Thomson Reuters Institute. "Legal Technology Report: AI Impact on Legal Practice." Published February 2024.]
- **Content creation (25-35% of basic content production now AI-assisted).**
[Content Marketing Institute. "Annual Content Technology Survey." Published April 2024.]
- **Financial services (40-50% of routine analysis tasks augmented by AI).**
[Deloitte. "Financial Services Industry: AI Transformation Index." Published July 2024.]

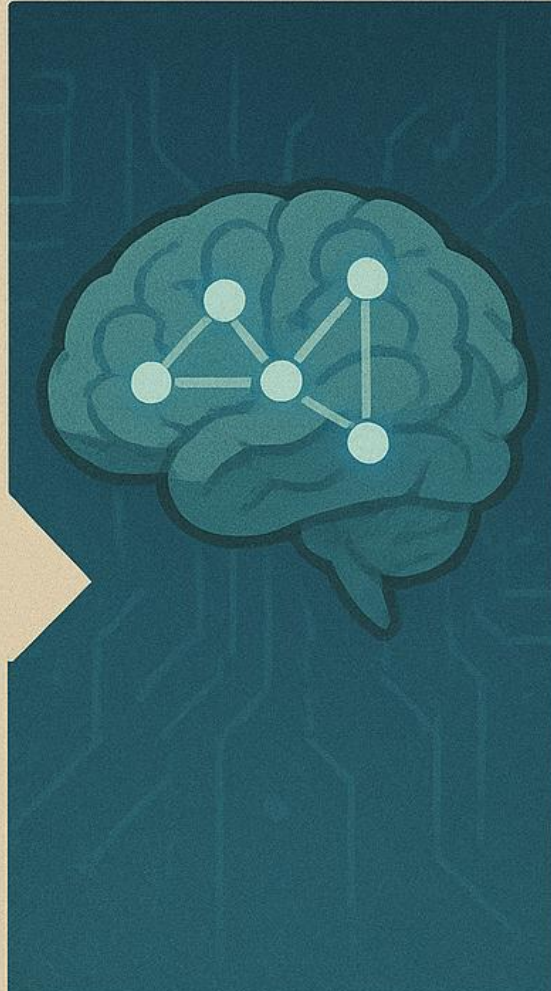


> find reputable sources about what jobs have been already transformed by AI to large extent and provide supporting quantifiable data and proper citations

TECHNOLOGY PROGRESS



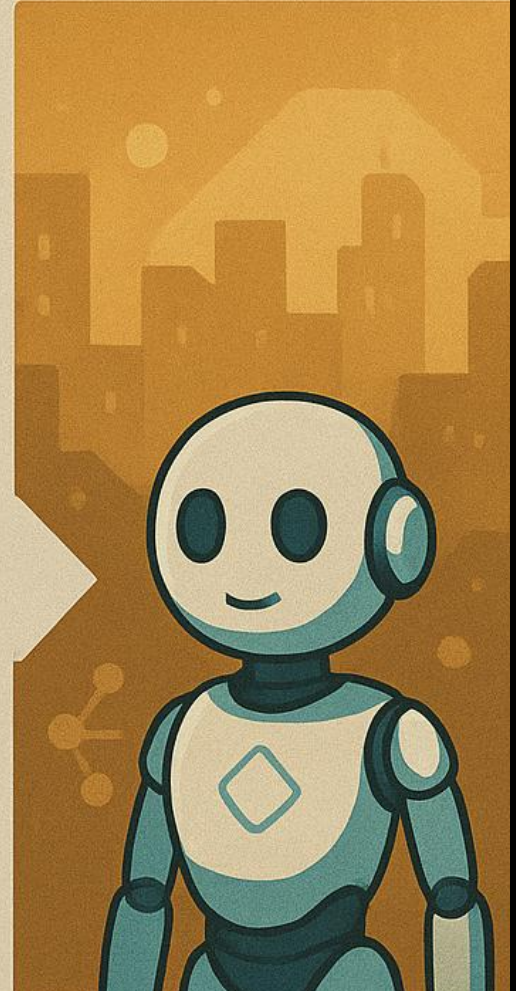
Expert Systems



Deep Learning

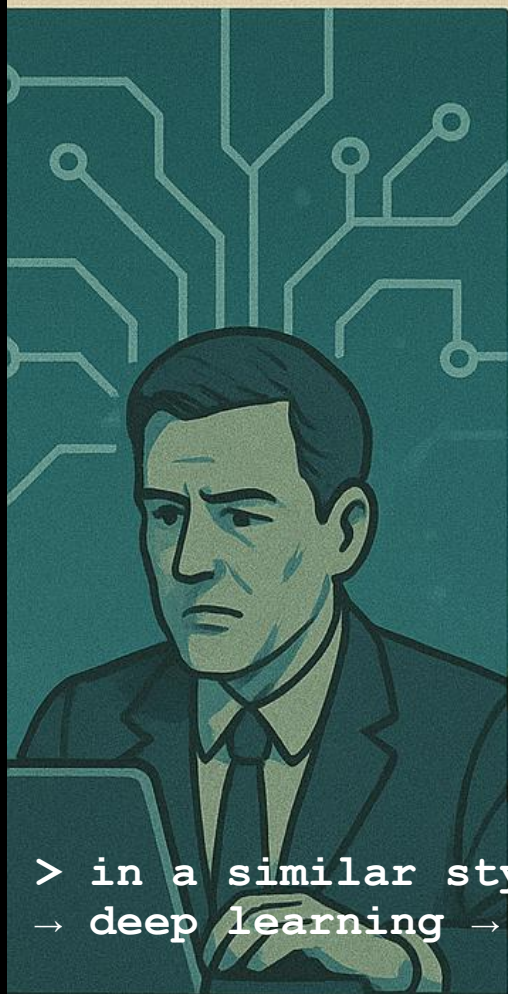


Generative AI

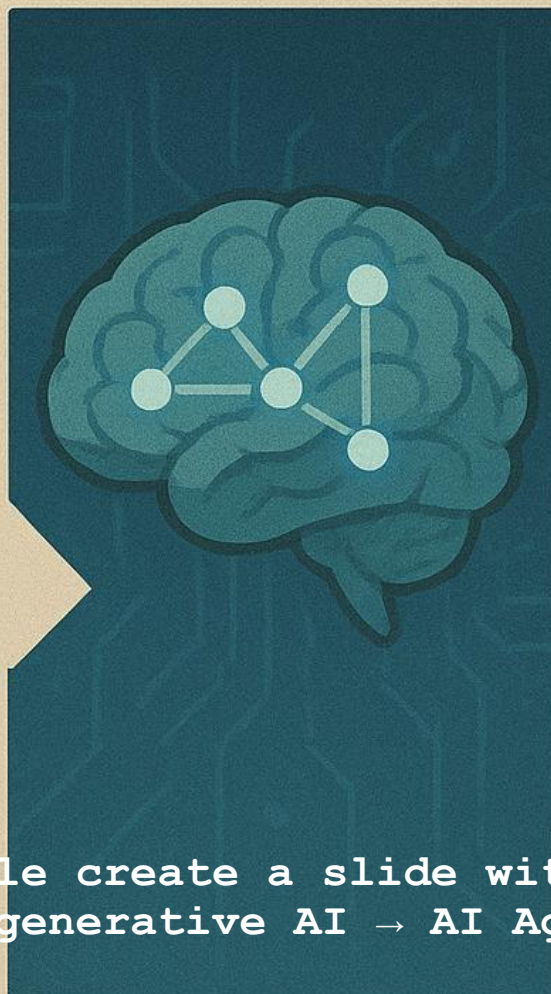


AI Agents

TECHNOLOGY PROGRESS



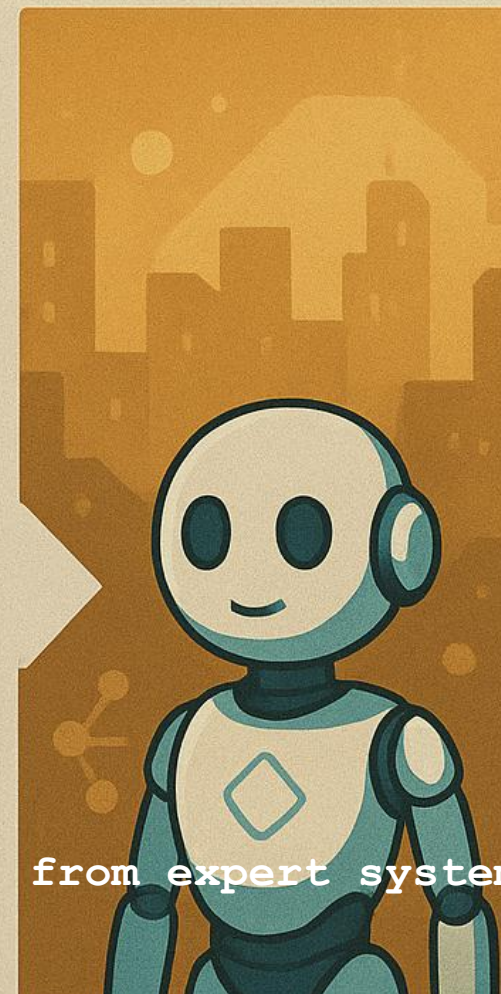
Expert Systems



Deep Learning



Generative AI



AI Agents

> in a similar style create a slide with technology progress from expert systems
→ deep learning → generative AI → AI Agents





WHAT IS SKYFIRE?

Payments and Identity Built for the AI Economy

Skyfire empowers AI to process payments, verify identities and access essential services without human intervention. From API account creation to monetizing websites, we drive commerce for the world's fastest-growing consumer base: AI agents.

[Learn how it works](#)



JOBS: Likely to be Augmented

- **Healthcare Practitioners**

AI for diagnostic support, treatment planning, patient monitoring. Radiologists using AI to flag concerning images, allowing them to focus on complex cases

Data: Medical AI can reduce diagnostic errors by up to 85% in specific applications

- **Knowledge Workers/Professionals**

Lawyers (contract analysis, legal research),
Financial analysts (pattern recognition, risk assessment), Marketing strategists (data analysis, content optimisation)
Data: Productivity improvements of 30-40% when AI handles routine tasks

- **Creative Professionals**

Designers (AI generating initial concepts, variations), Writers (research assistance, editing, formatting), Musicians (composition assistance, sound engineering)
Data: 65% of creative professionals already using AI tools in some capacity

- **Education**

Personalised learning paths,
Automated grading and feedback
Data: Teachers using AI tools report saving 6-8 hours weekly on administrative tasks



> what jobs are at high and moderate risks of being automated by AI. Give specific examples and supportive data

JOBS: At Higher Risk of Displacement

- **Data Entry and Processing Roles**

Data: 90% of routine data processing can be automated

Examples: Bookkeeping, data entry, basic accounting

Customer Service Representatives (routine inquiries)

Data: 75-80% of tier-1 customer support queries can be handled by AI

- **Administrative Support**

Scheduling, document management, basic correspondence

Data: 40% reduction in administrative staff needs in companies implementing comprehensive AI solutions

- **Basic Content Production**

Routine reporting, simple content creation

Data: 60% of basic content creation tasks potentially automatable

- **Routine Analysis**

Basic financial analysis, report generation

Data: 50-60% of routine analytical tasks automatable



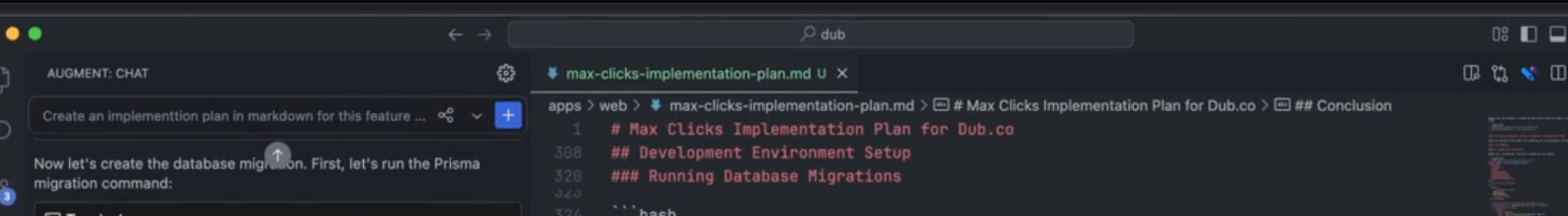
> what jobs are at high and moderate risks of being automated by AI. Give specific examples and supportive data



The AI Agent that knows you and your codebase best.

The only coding agent with a Context Engine
that understands how you build software.

Install now



Recommendations: For Individual

- **Develop "AI-Complementary" Skills:**

Creative thinking and innovation; Emotional intelligence and interpersonal skills; Ethical judgment and decision making

- **Become an "AI Power User":**

Learn to effectively prompt and direct AI systems; Develop skills in AI collaboration and output validation

- **Continuous Learning Focus:**

AI literacy (understand AI capabilities/limitations), Cross-disciplinary knowledge

- **Career Positioning:**

Move toward roles requiring complex judgment, human connection, and contextual understanding, Consider industries with high "human touch" requirements (healthcare, education, social services)

Recommendations: For Organisations

- **Innovate Culture:**

create the sense of urgency, innovation, flexibility and change

- **Reskilling Programs:**

Invest in employee development (internal mobility over replacement) Responsible AI Implementation

- **Gradual integration focused on augmentation before replacement:**

Clear communication about AI roles and human oversight, Create New "Human+AI" Roles

- **AI trainers, explainers, and sustainers:**

Hybrid roles leveraging both human and AI capabilities

- **Do not stop hiring juniors and leverage seniors:**

Create intellectually and experience diverse teams

The Four Kingdoms



AI Losers



AI Colonies

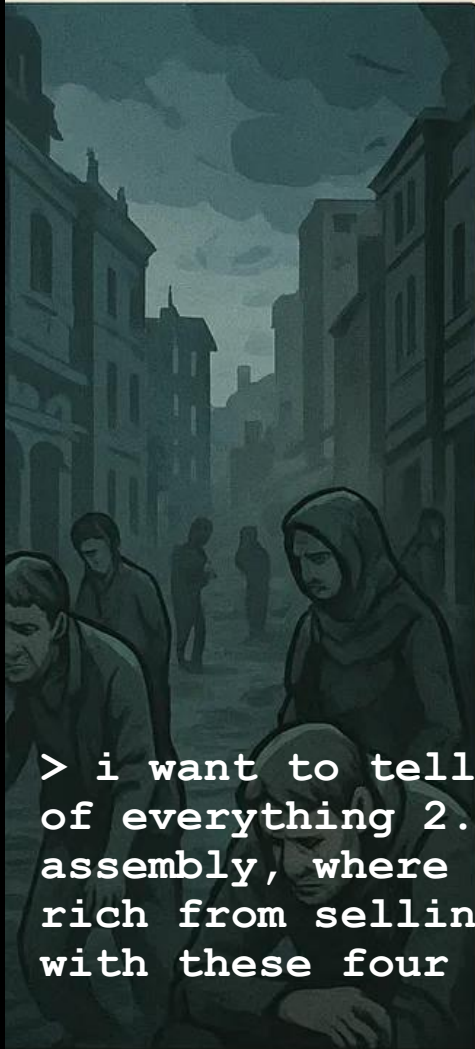


AI Assembly



AI Exporters

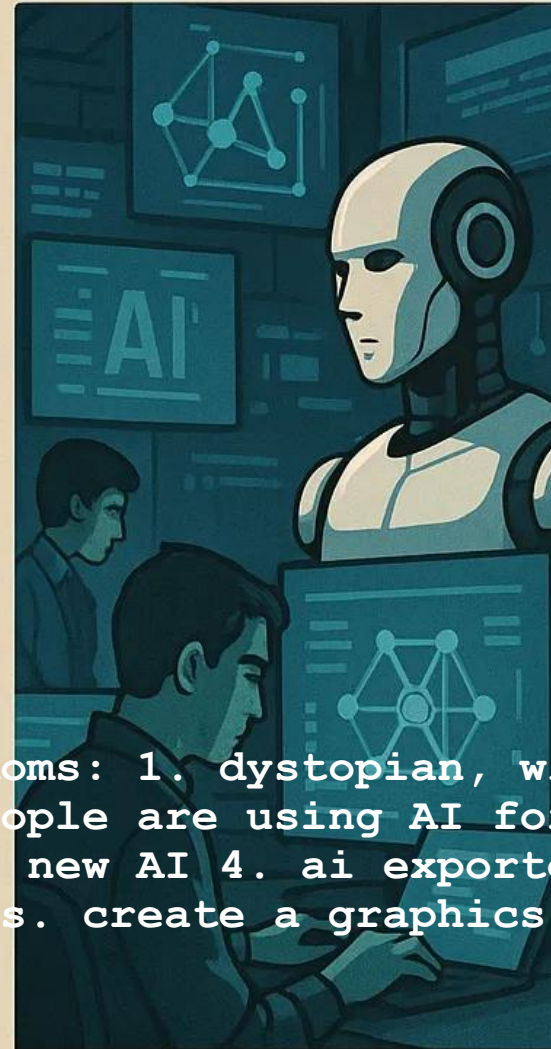
The Four Kingdoms



AI Losers



AI Colonies



AI Assembly



AI Exporters

> i want to tell a story about 4 kingdoms: 1. dystopian, with poverty and lack of everything 2. ai colonies, where people are using AI for work and life 3. ai assembly, where people are programming new AI 4. ai exporters, where people get rich from selling AI to other countries. create a graphics i can put on a slide with these four kingdoms depicted

TRENDY PRACE 2025

Introduction Remarks on

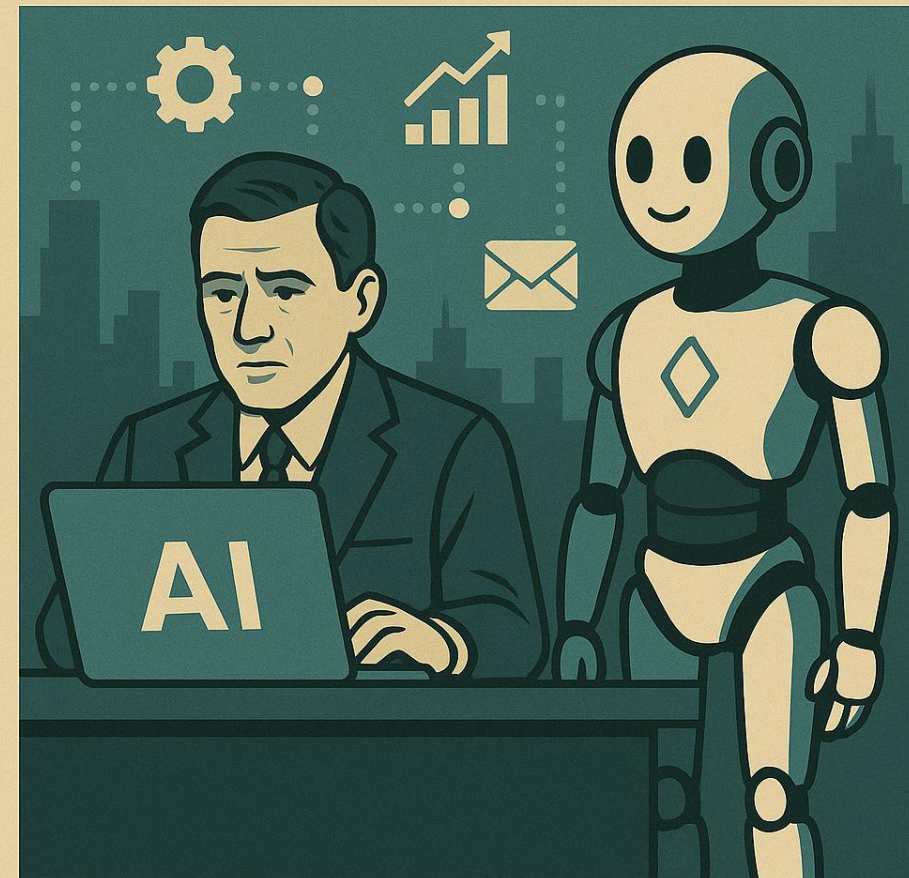
*what to think about when AI is
here to take our jobs*

Michal Pěchouček



> In a similar style create a graphics that will
open my keynote on AI workforce automation

AI FOR WORKFORCE AUTOMATION





TRENDY
PRACE 2025