Strategic deployment of AI in your organisation - barriers, challenges and the way forward

| 📅 Datums | @October 17, 2024 |

▼ Electricity and calculators

▼ **Agate Ambulte** - Head of AI @ Riga Stradiņš University

- Agate Ambulte, LinkedIn: https://www.linkedin.com/in/agatea/
- Master's degree in information technology - 8 years in programming
- Creator and Head of the Latvian Artificial Intelligence Talent Programme
- Board member of 2 organisations: *Digital Innovation park, Liepaja Technology Cluster*
- Adviser on IT education and development, *Liepaja Municipality*
- ChatGPT Strategic Business Development Sessions, *Ponder Projects Ltd*
- Head of Digital Transformation Artificial Intelligence, Riga Stradiņš University
- Organisation and design of materials - events, marketing, activities of IT community
- 3+ years IT training experience and university lecturer, *RTU Liepāja, RSU*

▼ AI training materials

- 3h masterclass "ChatGPT superuser";
- 1 month online session "AI Kick" – text and image generation tools;
- Strategic sessions for companies and senior management - how to implement generative MI in organisations;
- 1 year AI Talent programme;

- 2-year Master's study programme "Digital Strategy and Artificial Intelligence Management","
  Riga Stradiņš University;
▼ Personal productivity: ✅ Digital Innovation Park HQ
  a. Where is the data stored and how is it managed?
  b. Do you have a personal Knowledge HUB?
  c. Is historical data in one place, structured, meaningfully updated?
  d. What are your daily templates (templates) and process checklists (checklists)?

  ▼ Meaningful applications of generative artificial intelligence
    1. 🔍 Finding the information - facts, research, quotes etc.
    2. 💡 Creation of ideas
    3. 🧠 Decision aid - to gain a broader perspective and find unseen points in knowledge or
       situations
    4. 🗣️ Providing feedback on any text
    5. 🏃 Creating assistants - coaches, motivators, help, experts on any topic
    6. 📄 Creating starting templates
    7. 📝 To finish a text you've started
    8. 💪 Automated small tasks
    9. 📊 Data analysis and information gathering
    10. 💬 Translation with context
    11. 📚 Creating and interacting with a knowledge base https://chatgpt.com/c/605272f8-
        32b6-431c-b0fe-18e6ad982dae
    12. 🖼️ Image generation and description https://chatgpt.com/g/g-2fkFE8rbu-dall-
        e/c/66f3faa3-e188-8012-881a-5d647c9790cc
    13. ✅ Error detection in text and images https://chatgpt.com/c/cd2c3996-cf71-4b80-bc36-
        7f1af7 7875c6
    14. 👀 Extracting and processing information from images and PDFs
        https://chatgpt.com/c/6704e0fc-80b8-8012-8c16-868b82c016f2

2. Digitalisation of processes, automation and strategic knowledge: ☑️ IT day at Liepaja
   a. Google form:
   https://docs.google.com/forms/d/1wTvaPzuWt4gnTjCFFJJR58rjwhugqgs3Z9VkQP3SMgU/edit
   b. Podkāsta palīgs: https://chatgpt.com/gpts/editor/g-LRCYIoozZ
   c. Apmācīts podkāsta palīgs: https://chatgpt.com/gpts/editor/g-brcseEWQo

3. Education of AI and tools
   ▼ Studies

▼ AI tools
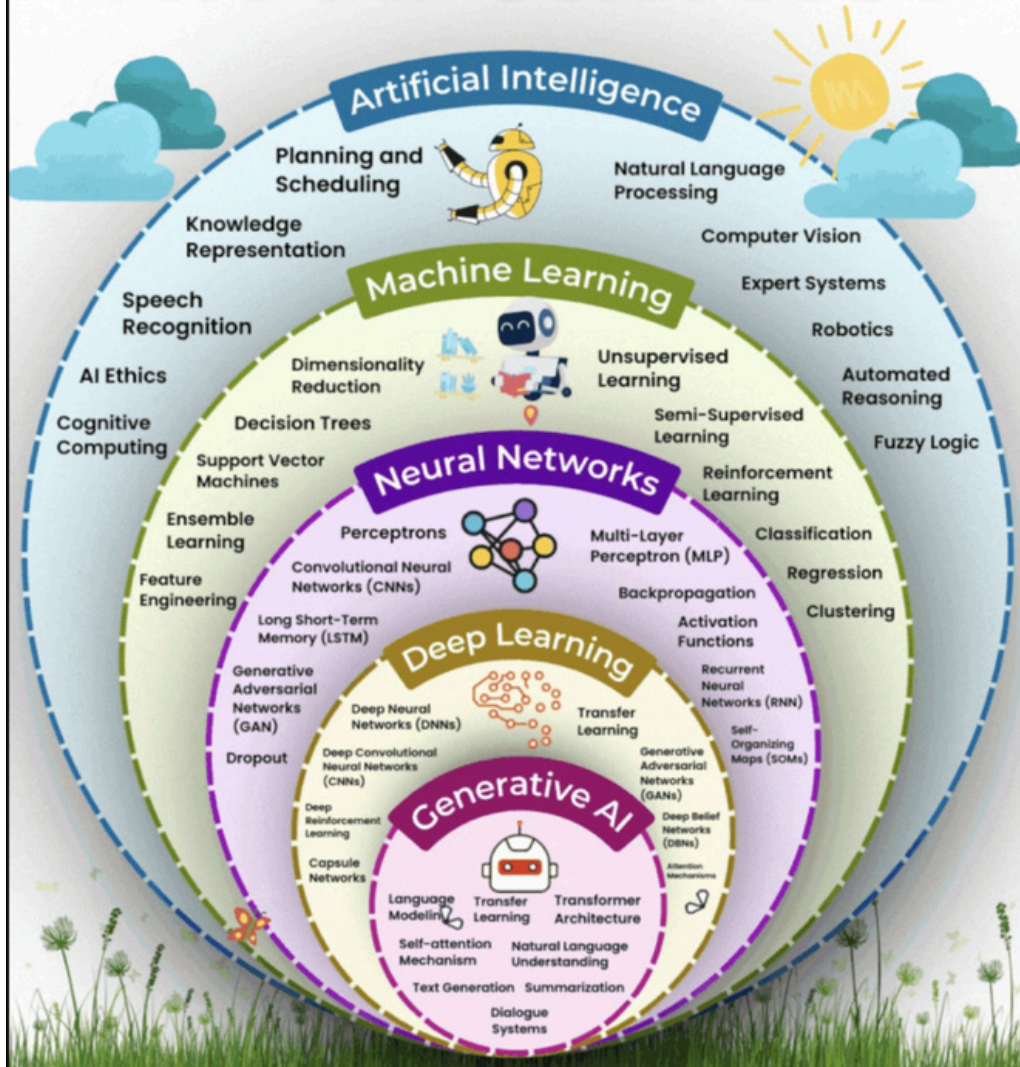
- Futurepedia.io

- Theresanaiforthat.com

- LLMs

    ◦ ChatGPT

    ◦ Claude

    ◦ Gemini

    ◦ Copilot

- Image generation

    ◦ Midjourney

    ◦ DALL·E (ChatGPT)

    ◦ Leonardo AI

▼ Prompt engineering, approaches and architectures

- Few-shot Prompting

- Chain-of-Thought Prompting

- Self-Consistency

- Generate Knowledge Prompting

- Tree of Thoughts

- Automatic Reasoning and Tool-use

- Automatic Prompt Engineer

- Active-Prompt

- Directional Stimulus Prompting

- ReAct

- Multimodal CoT

- Graph Prompting

▼ AI world

▼ What's your next move?

Let's talk!