# Agenda

## AI for Data Analytics: Short Course

| Session 1 | |
|---|---|
| Introduction to Transformers and Generative AI | From neural networks to LLMs<br>How do LLMs think?<br>Advantages and risks<br>Authenticate (remote) / Download (local)<br>Connect<br>Prompt<br>Use Case & Exercise |
| **Session 2** | |
| Response customization | Prompt Engineering<br>Hyperparameter tuning<br>Prompt Formatting<br>Output Validation<br>Chat Model Prompter<br>System Prompt<br>Use Case & Exercise |
| **Session 3** | |
| RAG and Governance | Embedders<br>Create a Vector Store<br>Load a Vector Store<br>RAG<br>Anonymization<br>KNIME Hub GenAI Gateway<br>Advanced methods<br>Use Case & Exercise |
| **Session 4** | |
| Agents and AI | TBD |