Neuro-Symbolic Representations for IR

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2023

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- Part 1: Symbolic AI representations and tasks
 - (Sub)symbolic AI, and representations
 - Purpose of this tutorial
 - Question Answering on Knowledge Graphs
- Part 2: Text-to-symbols and Ranking
 - Neural Text and Graph Representations
 - Text-Symbol Alignment and Semantic Annotations
 - Entity Representations and Entity Ranking
- Part 3: Neuro-symbolic representations for Reasoning
 - Reasoning about Relevance
 - Neuro Pseudo-Relevance Feedback with Explainability
- Part 4: Applications for Neuro-symbolic approaches
 - Use Case in Knowledge Discovery
 - Panel & Discussion