Knowledge Graphs

Lecture 6 – Intelligent Applications with Knowledge Graphs and Deep Learning
6.0 Lecture Overview

Prof. Dr. Harald Sack, Mary Ann Tan & Mahsa Vafaie
FIZ Karlsruhe – Leibniz Institute for Information Infrastructure
AIFB – Karlsruhe Institute of Technology
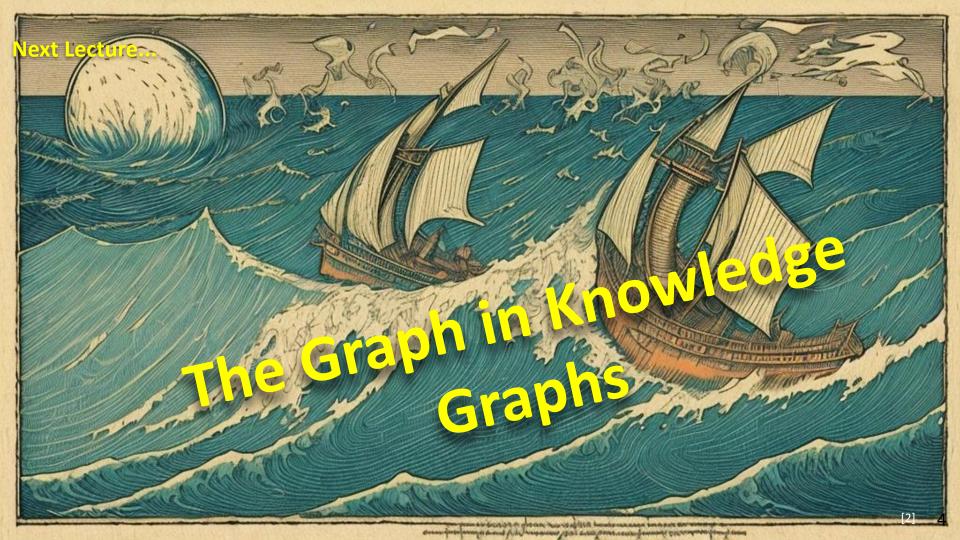**Autumn 2023**

Knowledge Graphs

Lecture 6: Intelligent Applications with Knowledge Graphs and Deep Learning

[1]

Additional Hands-On:

6.1 Network Analysis

6.2 Introduction to Knowledge Graph Completion using TransE

[1]

Next Lecture...

The Graph in Knowledge Graphs

Picture References:

[1]   LOD Cloud, 2014-08-30, [cc-by-4.0], https://lod-cloud.net/versions/2014-08-30/lod-cloud.png

[2]   "On this colorized Renaissance woodcut we see two sailing ships driven towards the edge of flat Earth. Underneath the waves there lures a fierce dragon. The ocean's waters are pouring down from the edge of flat Earth..", created via ArtBot, Deliberate, 2023, [CC-BY-4.0],
https://tinybots.net/artbot