Data mining in **unusual domains** with information-rich **knowledge graph construction, inference** and **search**

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Agenda

- Knowledge graphs
- Knowledge graph construction (KGC) over Web data
- What is an unusual domain?
 - Case studies of unusual domains
- Data mining in unusual domains
 - Why do knowledge graphs help?
- KGC for unusual domains
 - Information extraction for text
 - Information extraction for Web
- Knowledge graph inference: entity linking and resolution
- Practical Implementations
- Knowledge graph embeddings
- Answering complex queries over noisy knowledge graphs

Mona Lisa

Da Vinci

Date of birth: April 15, 1452 Date of death: May 2, 1519 (age 67 years)

Stay tuned for more... 🜸

Michelangelo

Italy

