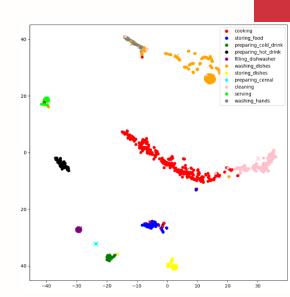
Bachelor/Master Thesis:

Machine Learning for Scene Understanding and Representation

Setting:

- We have multimodal recordings of humans performing everyday activities (e.g., in the kitchen)
- We want to represent that data to supports open, semantic queries
- Make use of existing large-scale knowledge bases



Tasks:

- Use neural networks for representation learning
- Extend the approach to generalize to new, unseen situations from little data (zero-shot learning)
- Use the representation for answering different questions about the data

Requirements:

- Good programming skills (preferably Python)
- Knowledge in machine learning
- Interest to work on an actual research question

When: As soon as possible

KONTAKT:

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