

# Big Data Architectures For Machine Learning and Data Mining

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Web Technology and Information Systems Group

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# Seminar Talks

## Organization

- ❑ Two talks per session, with up to 30min for the talk + 15min for questions discussion
  
- ❑ Talks from the same topic block...
  - take place on the same day
  - should coordinate to avoid content overlap
  
- ❑ Cover both theoretical (how does it work?) and practical (how to use it?) considerations
  
- ❑ Do a thorough literature search (starter material will be provided)
  
- ❑ Submit slides at least **one week before** your session, and arrange a meeting for a talk consultation

# Seminar Talks

## Topics

- ❑ Containerization
  - (1) Docker
  - (2) Kubernetes
  
- ❑ Structured Storage
  - (3) Cassandra
  - (4) Spanner / CockroachDB
  
- ❑ Analytics
  - (5) Spark
  - (6) Beam
  
- ❑ Infrastructure
  - (7) Kafka
  - (8) Zookeeper

# Talk Organization

## Possible Dates