Introduction:

In recent times, Cloud computing has been the standard to crunch big amounts of data. Now, Cloud users have options to choose various cloud services as well. Sometimes users have data stored inside their private cloud or on-premise storage, while the data are moved back and forth as per requirement.

In this master thesis, we aim at developing a smart data management technique that can seamlessly move data across cloud service providers while satisfying some user conditions. We already have the first architecture ready. So, ideally, the candidate should start to enhance the model and implement it in the Cloud platform.

**Required Theory:** Good knowledge of Big data, Cloud, Apache Spark, Machine learning.

**Required skills:** Webservices (REST APIs), JSON, JavaScript, Java/Python.

**Duration:** 6 months

**Expected outcome:** Publication/ Master thesis

**Mode:** Remotely via Zoom

**Supervision:** 1 hr/week for 6 months

**Contact:** If you are interested then send your CV (max 2 pages) to Somnath Mazumdar (sma.digi@cbs.dk).