

NoSQL Related Activities

Students need to form groups (~3-4 each group) and find out answers for the following questions:

1. What's NoSQL?
2. What's the rationale of NoSQL movement?
3. What are the different kinds of NoSQL data stores? Briefly describe how they work.
4. Do some research and compare relational databases to NoSQL databases from different aspects such as schema/data structure, scalability, performance, data integrity, query languages, etc.
5. Find out some challenges faced by traditional firms that use relational databases in adopting NoSQL databases.

Students can discuss the ideas with the group, but need to log the findings and their own reflection in the learning diary.