Chapter 16

Wrapping Up
Hungry for Data

- The amount of electronic data collected and stored rapidly increases on a daily basis:

- Applications need a way to deal with all this data in an intelligent way
- That’s where database systems come in
If you want to process, analyze, and mine the data, you need some familiarity with the tools.

In this lecture we had a look at what databases are able to do (and what they cannot do).

We also had a look at what is going on behind the scenes in a DBMS.
The Future

- While relational databases dominated for decades, it seems the landscape is about to change.
- The world seems to be slowly moving away from the one-size-fits-all relational systems to NoSQL.
- However, the management of large amounts of data is here to stay.
- That is why we also covered general principles applied in data management.