

Modeling contd.,

Writing a lot?

Fetching a lot?

Goal: Store Data in the Format you need in your Frontend! Don't run complex transformation queries!

Goal: Store Data such that you avoid duplicates and redundancy!

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Checklist

In which Format will you fetch your Data?

How often will you fetch and change your Data?

How much data will you save (and how big is it)?

How is your Data related?

Will Duplicates hurt you (=> many Updates)?

Will you hit Data/ Storage Limits?

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Modelling Schemas

- Schemas should be modelled based on your application needs
- Important factors are: Read and write frequency, relations, amount (and size) of data

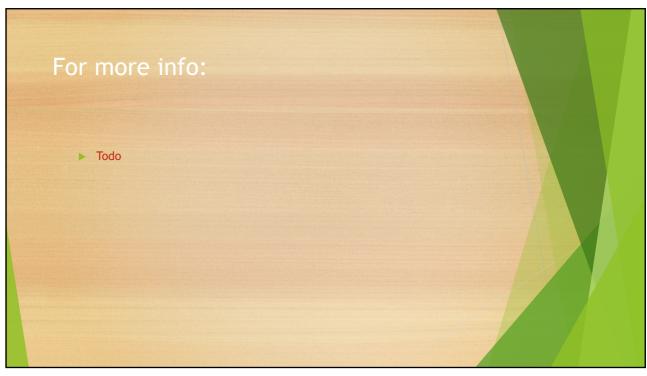
Schema Validation

- You can define rules to validate inserts and update before writing to the database
- Choose your validation level and action based on your application requirements

Modelling Relations

- Two options: Embedded documents or references
- Use embedded documents if you got one-to-one or one-to-many relationships and no app or data size reason to split
- Use references if data amount/ size or application needs require it or for many-to-many relations
- Exceptions are always possible => Keep your app requirements in mind!

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