Databases

Why do we need them

- In memory
- Saving to File system
- Problems with multiple connections

DB Servers

- multiple connections
- handle transactions
- can give us relations

Relations

- one to one
- one to many
- many to many

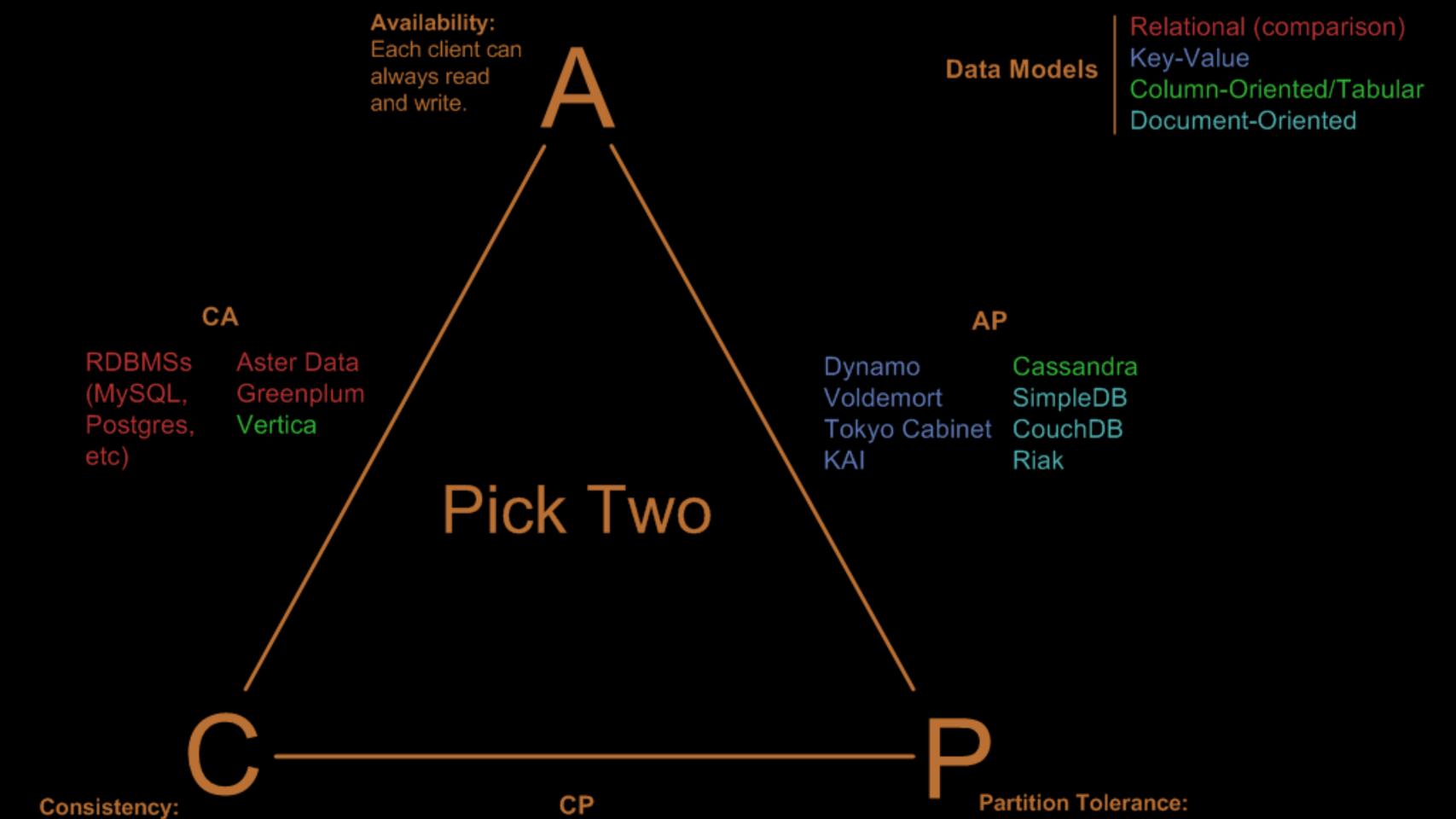
SQL vs NoSQL

SQL databases

- tables
- strict
- schema
- relations

No sql

- collections
- references via an id



Pros and Cons

- speed
- size
- flexibility