

What is a
serverless database?





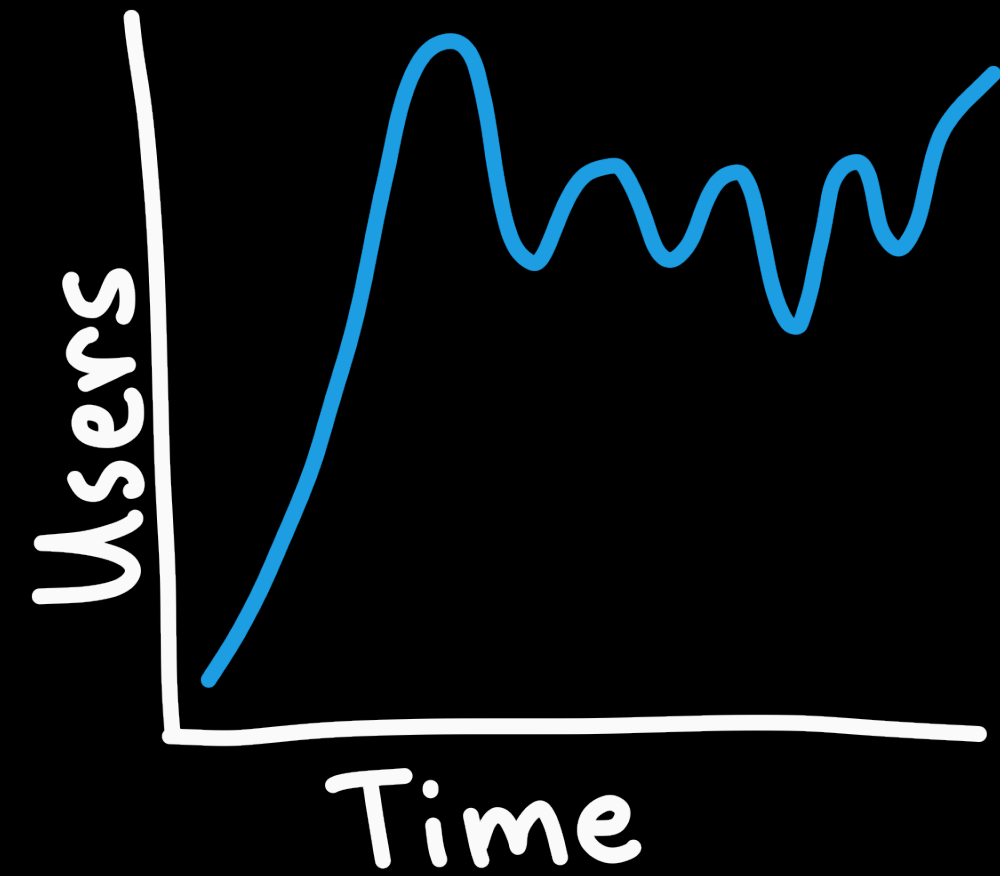
connections
networking
scaling
operations



<Insert definition here>



#1 Managed



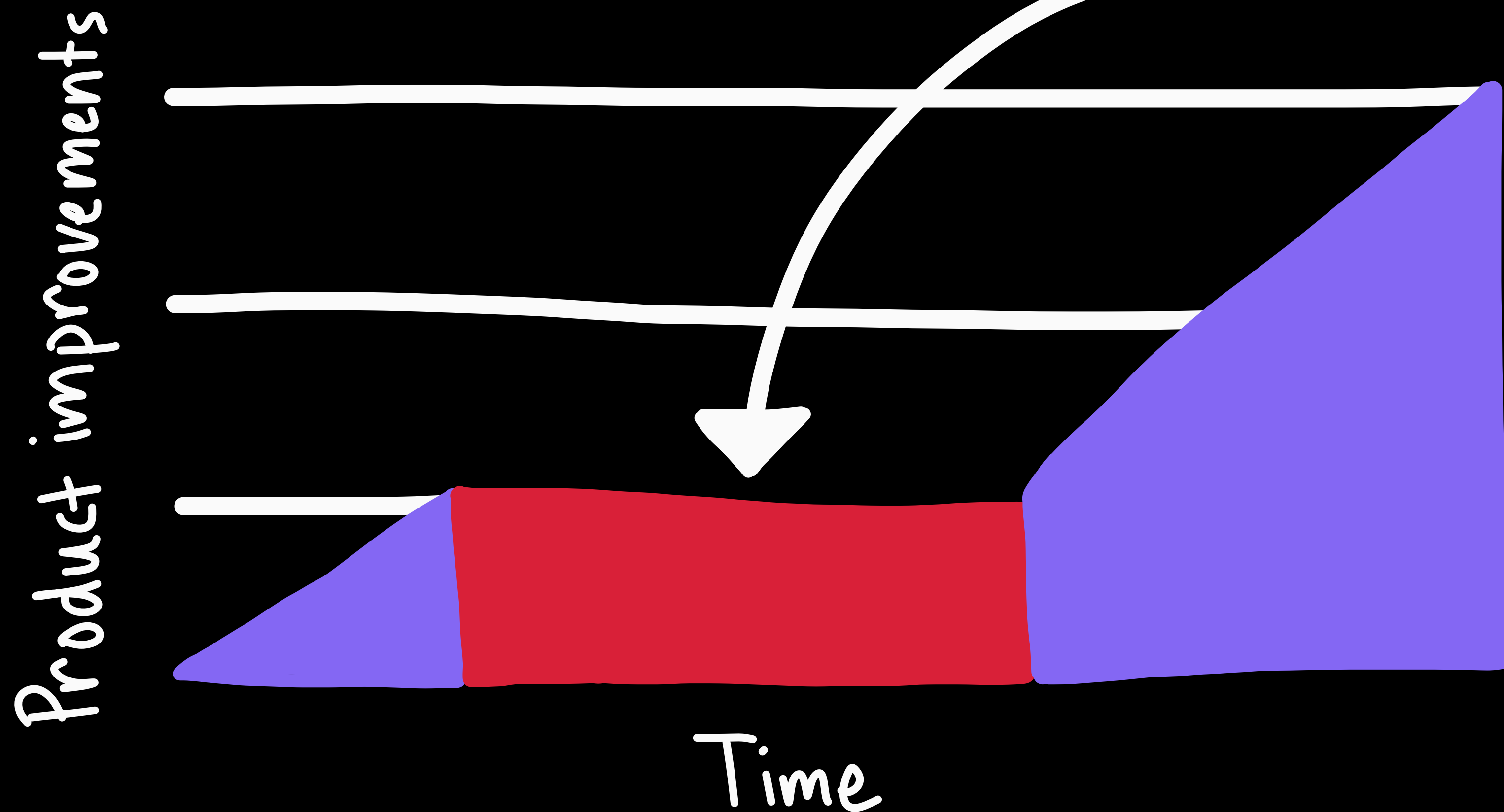
#2 Supports Scale



- a. Predictable data model
- b. Some consistency guarantees
- c. Able to scale



Solving for scale



#3 Full of abstractions

line of abstraction

servers

containers

hardware

VMS

networking

RAM

Disk

CPU



#3 Full of abstractions

Serverless databases

reads

connections

writes

APIs

line of abstraction

servers

containers

hardware

VMS

networking

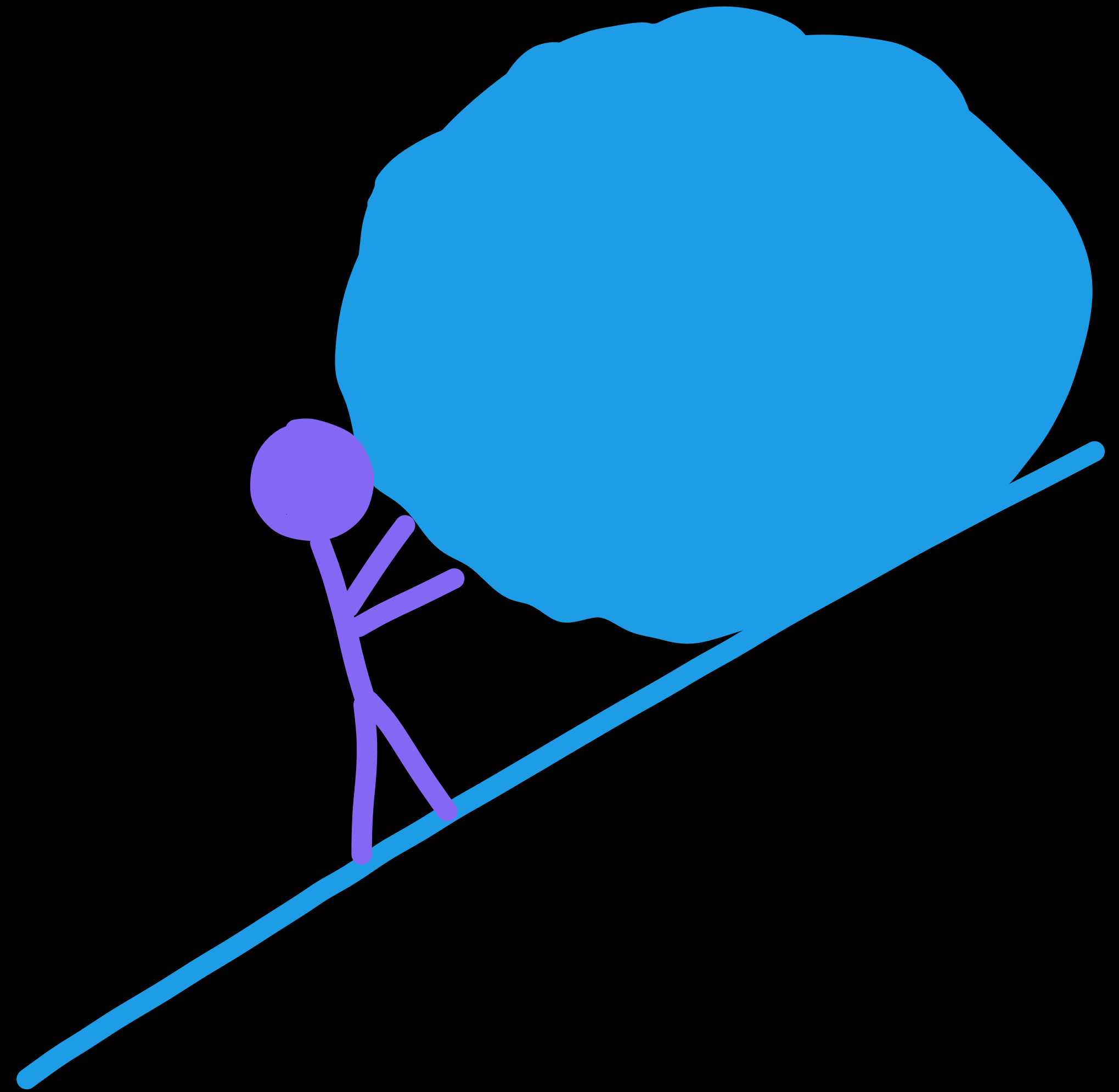
RAM

Disk

CPU



Reducing
toil

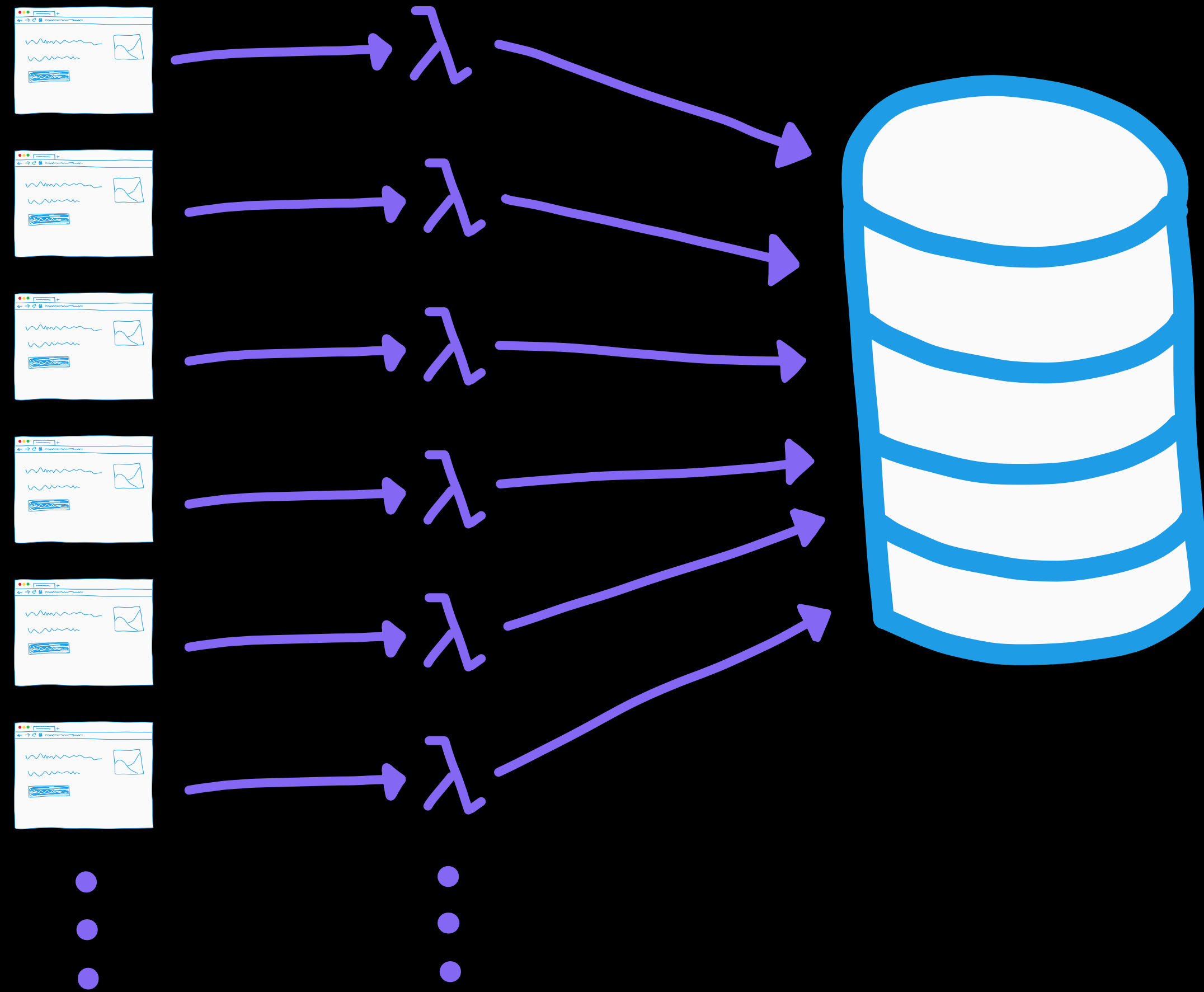


Challenges

- ~~wavy~~
- ~~wavy~~
- wavy
- ~~wavy~~
- ~~wavy~~
- wavy wavy



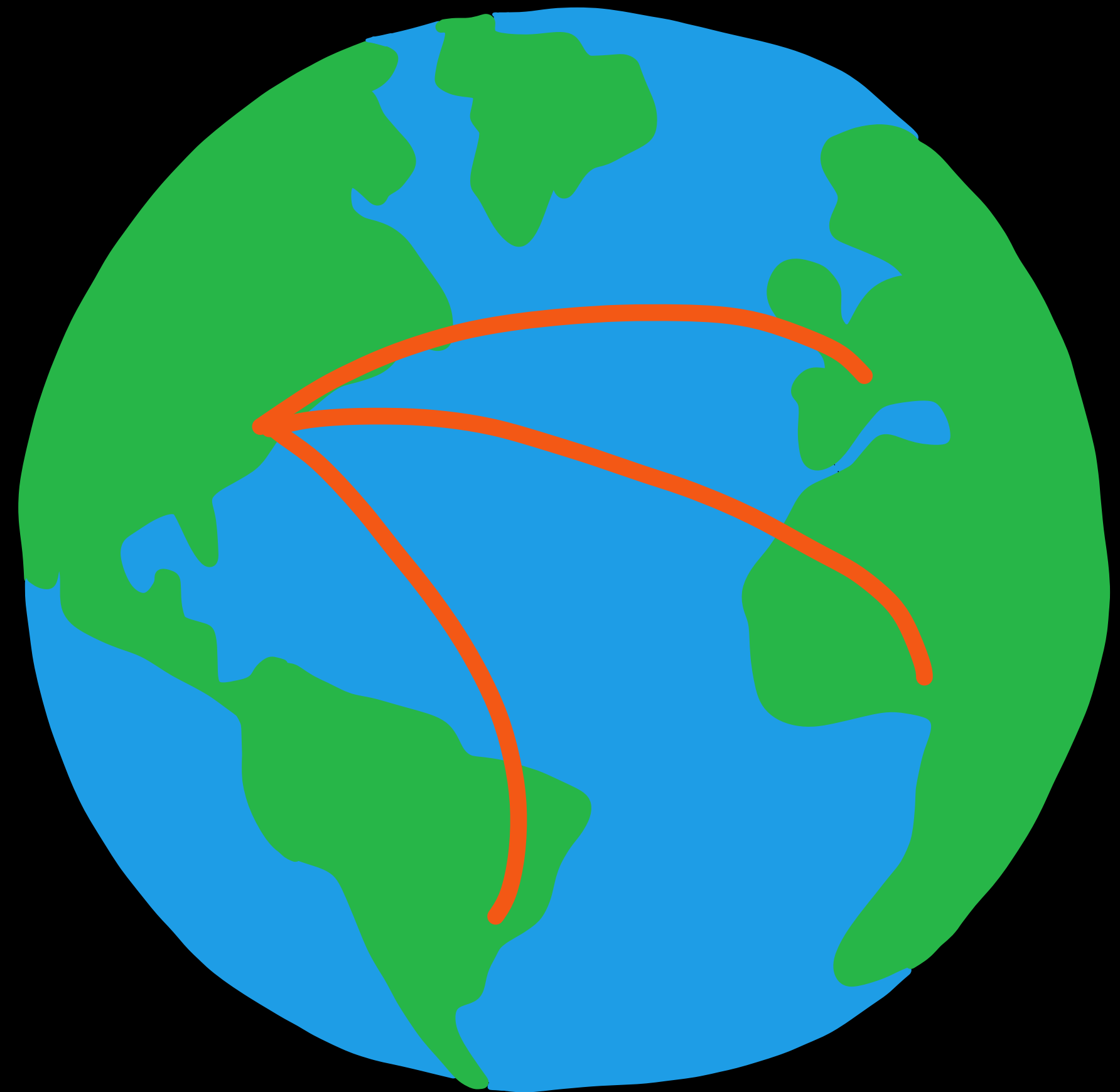
Connections



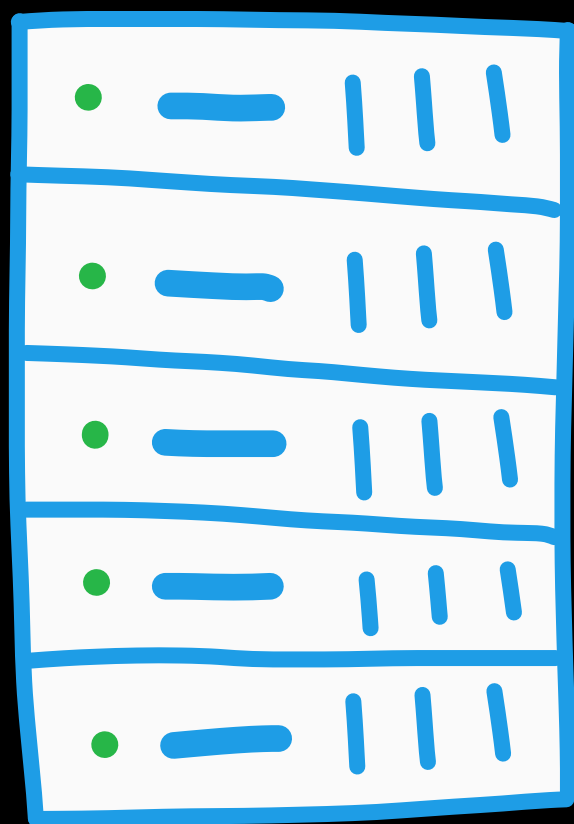
Managing abstractions



Distributed infrastructure



Where app lives



Server

Physical distance

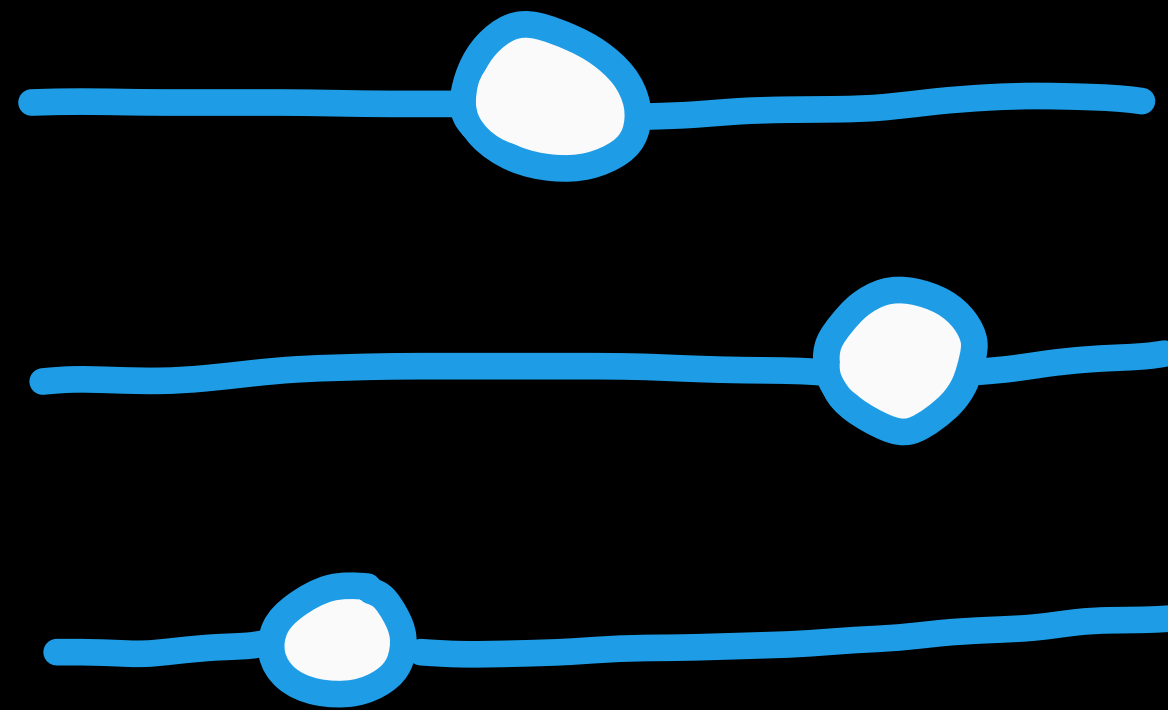


Server

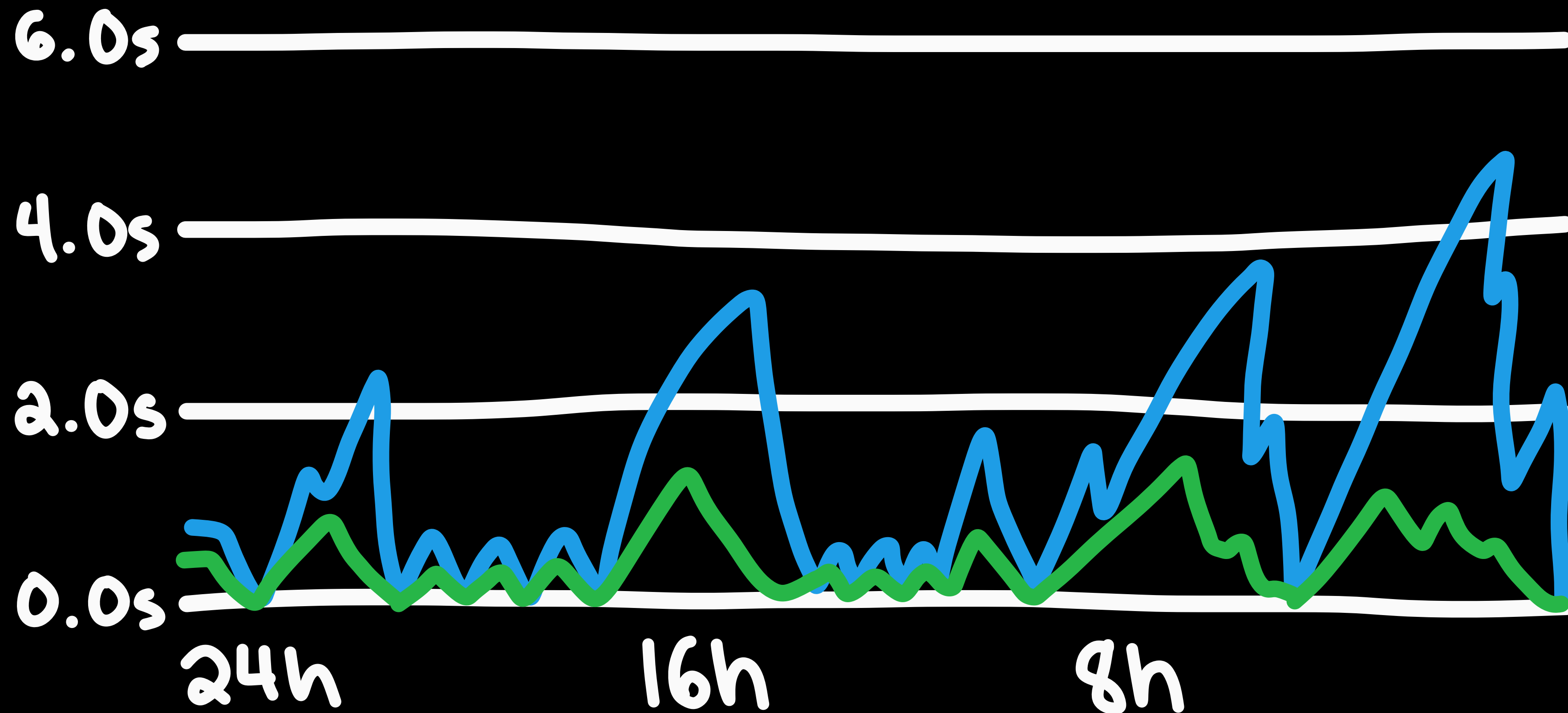
Where database lives



Configuration



Query performance



98%

of database use
cases are not unique*

*not scientifically proven





Vendor lock-in



Thank you!

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