what are DS?
-> Systems that guln on several nodes and agre charaterised by partial
and are charaterised by bartial
Fallane
Request
M ₁ M ₂ Brows
Response
Reasons why M, might not receive response
-> Request takes too long
-> Request lost
→ Ma down
-> Ma down immediately after neporting it is up
→ Ma refuses request
7 Ma response too slow
-> Ma gresponse lost
TID FICSPOIDE LOSI
Time outs
My delay M2 Max processing
tion - or
time ed

Ideal timeout: 2d + 91 Processing Round strip
Round strip
In practice, you will never get the neal
value for timeout. Values for d & 91
and extimated using statistics
Why DS even after so many problems of
-> Too much duta to fit on single machine
-> Need fuster response time -> more
paocessing povver
> Scalability
-> Fault tolerence (redundancy)