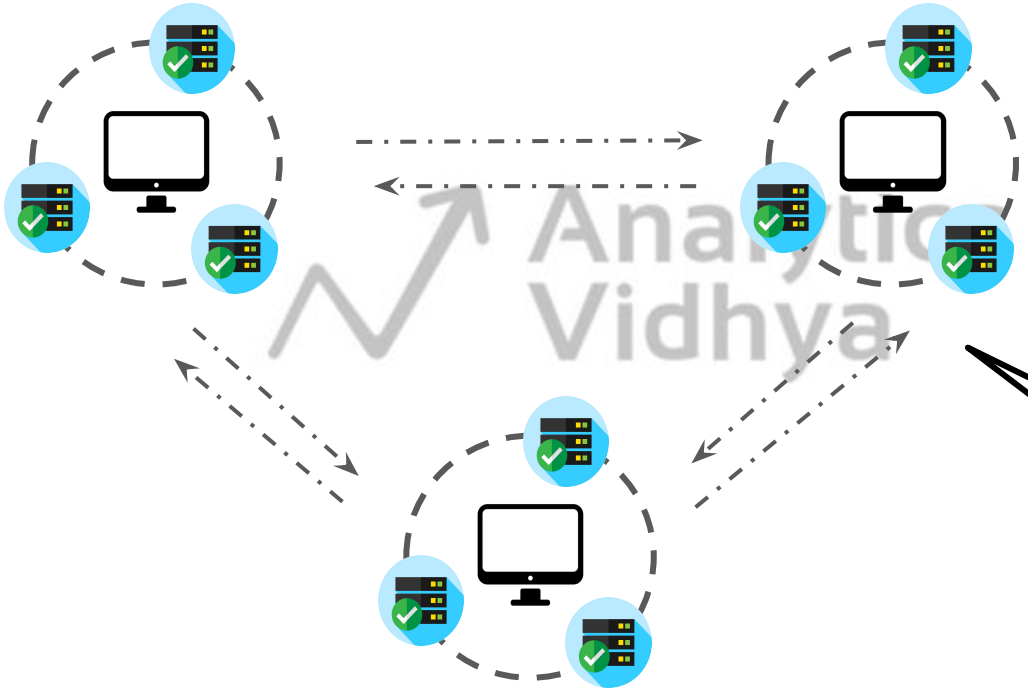
Distributed Systems

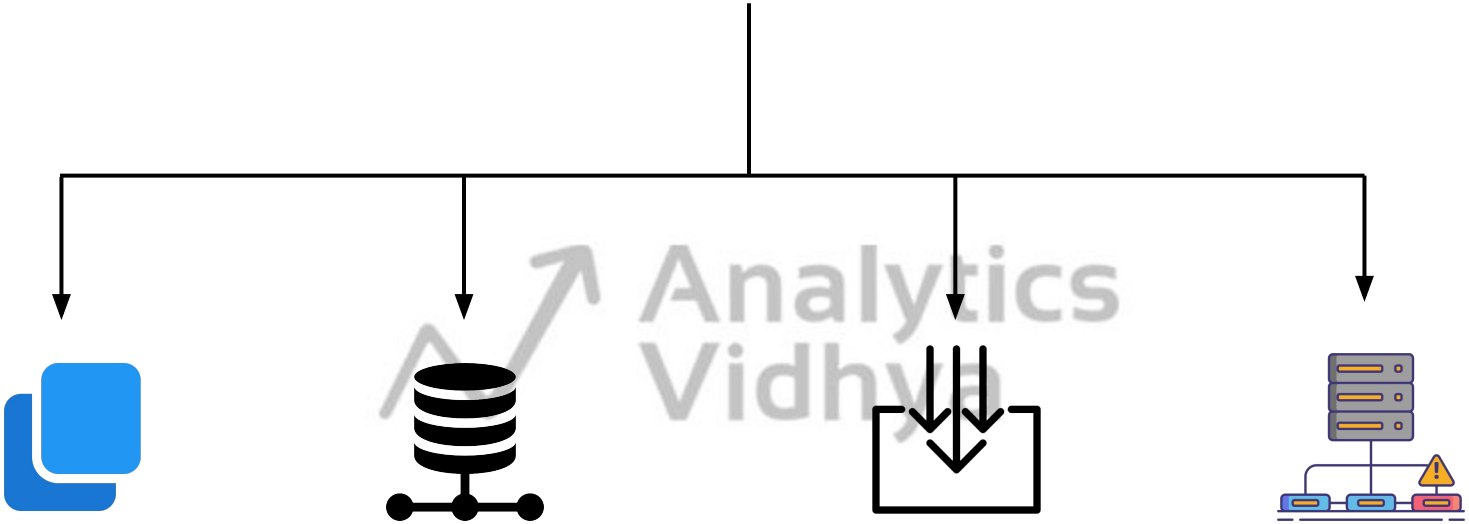
Analytics Vidhya

Distributed Systems



Analytics Vidhya

Distributed Systems



Replication

Higher Scalability

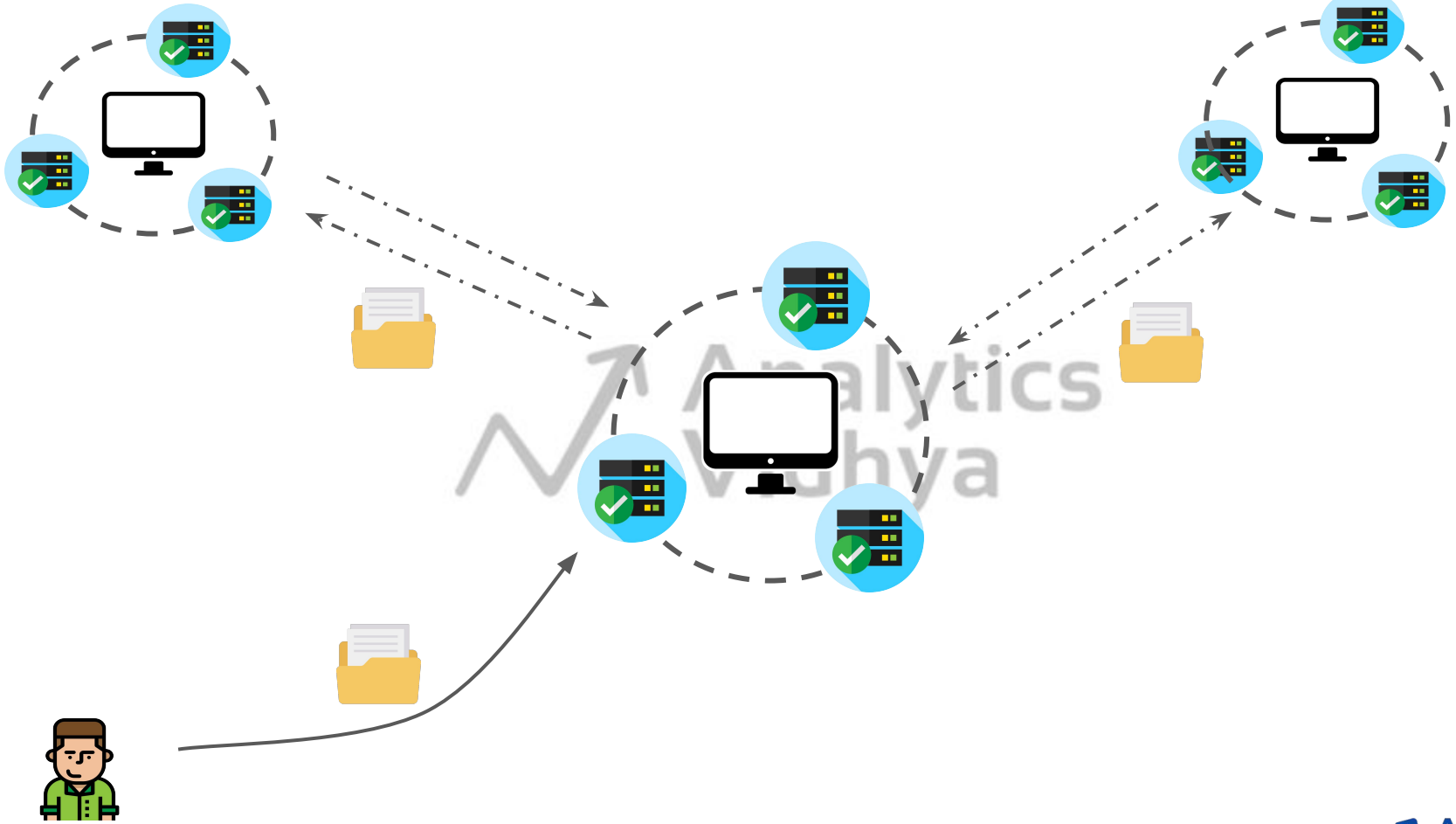
Higher Concurrency

Fault Tolerance

Analytics Vidhya

Replication

Analytics Vidhya



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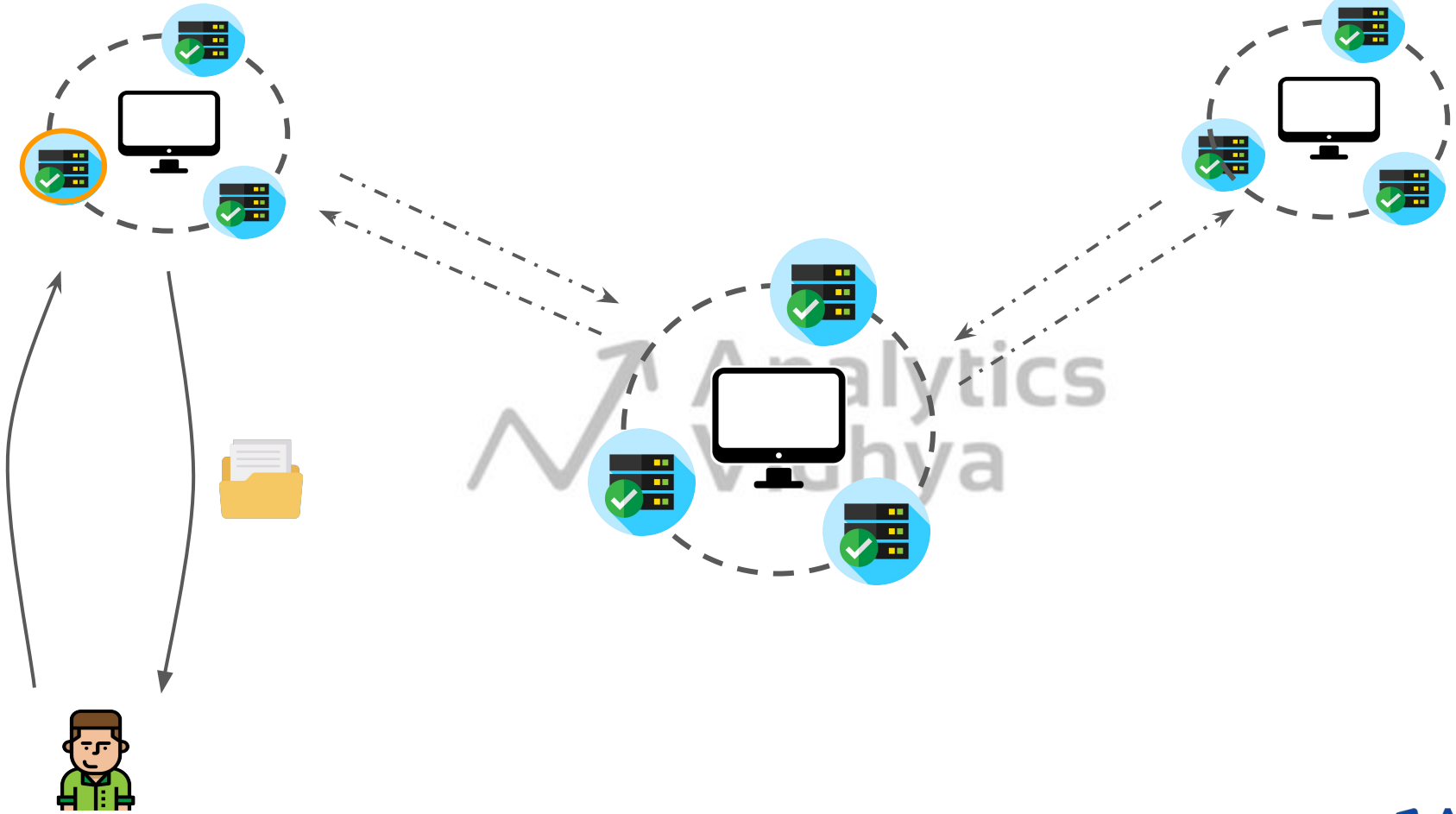

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Higher
Scalability

Analytics Vidhya

Vertical Scaling

4 CPU, 4GB RAM,
2TB Storage

2 CPU, 2GB RAM,
1TB Storage

1 CPU, 1GB RAM,
500GB Storage

Horizontal Scaling

1 CPU, 1GB RAM,
500GB Storage

1 CPU, 1GB RAM,
500GB Storage

1 CPU, 1GB RAM,
500GB Storage

1 CPU, 1GB RAM,
500GB Storage

1 CPU, 1GB RAM,
500GB Storage

1 CPU, 1GB RAM,
500GB Storage

1 CPU, 1GB RAM,
500GB Storage

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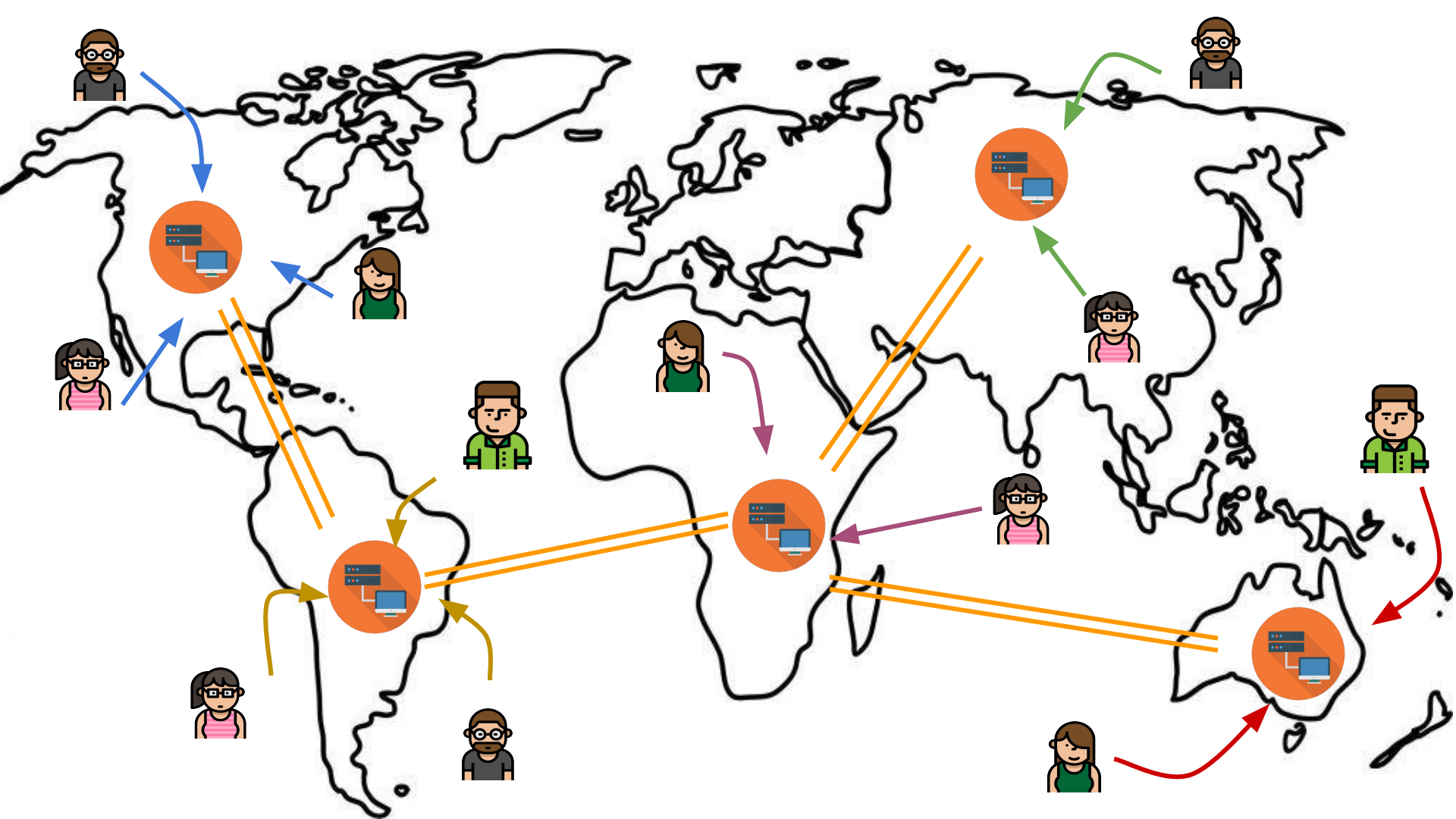
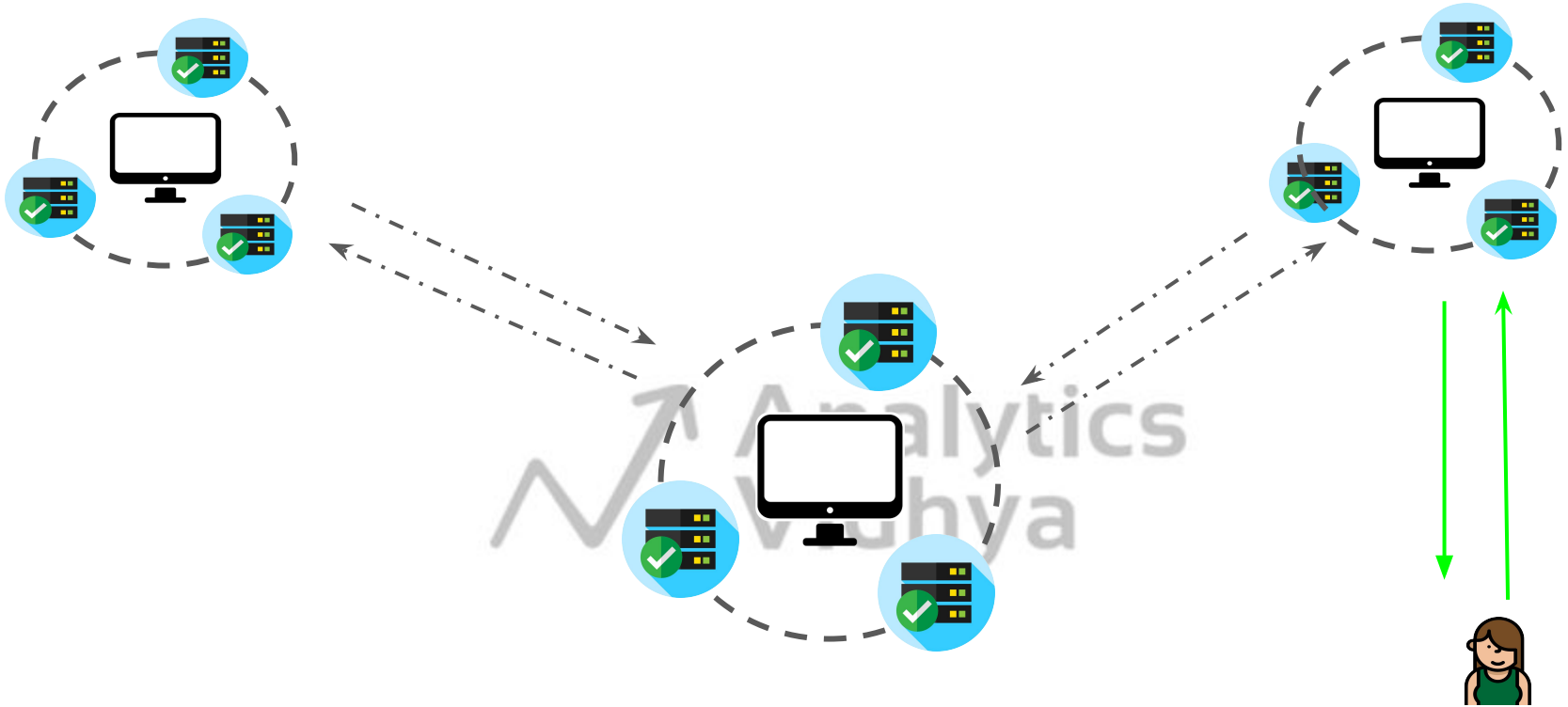
Higher
Concurrency

Analytics Vidhya

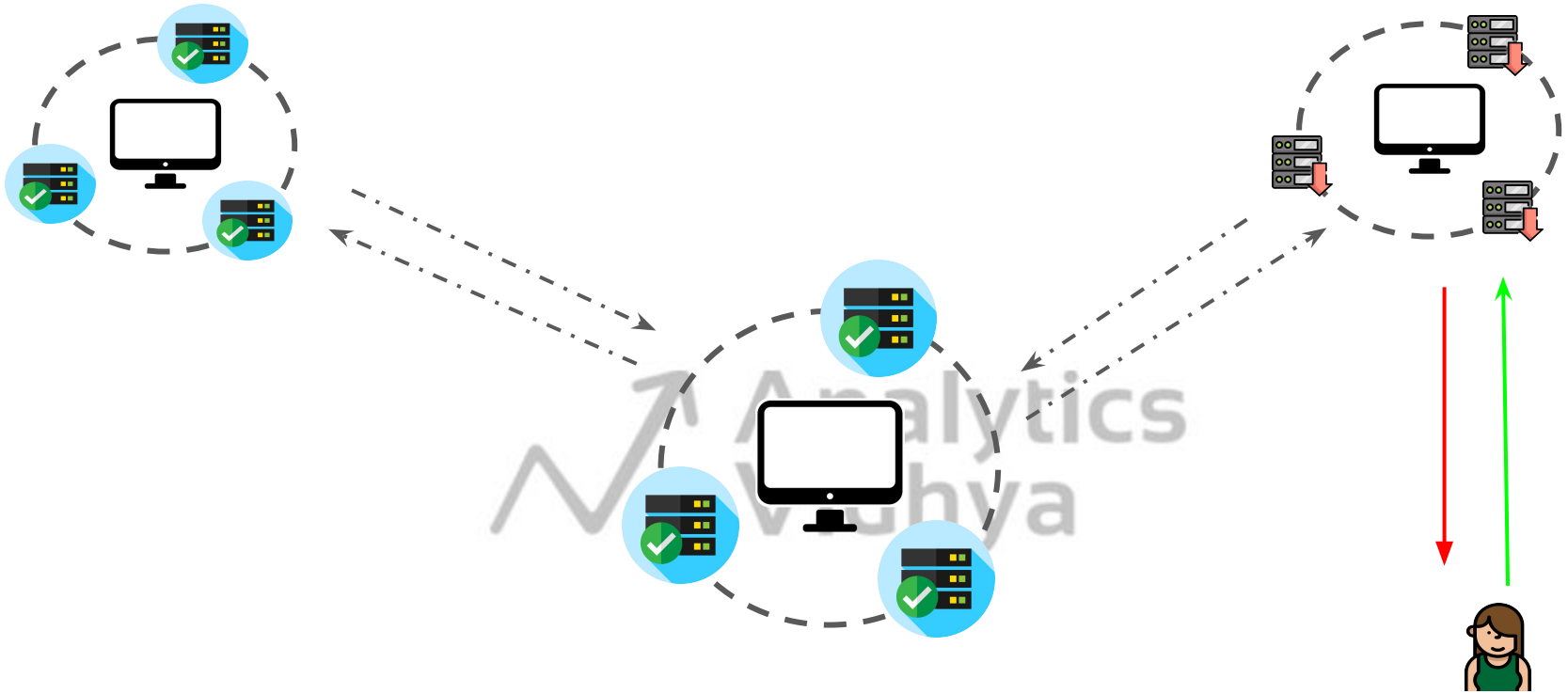


Fault
Tolerance

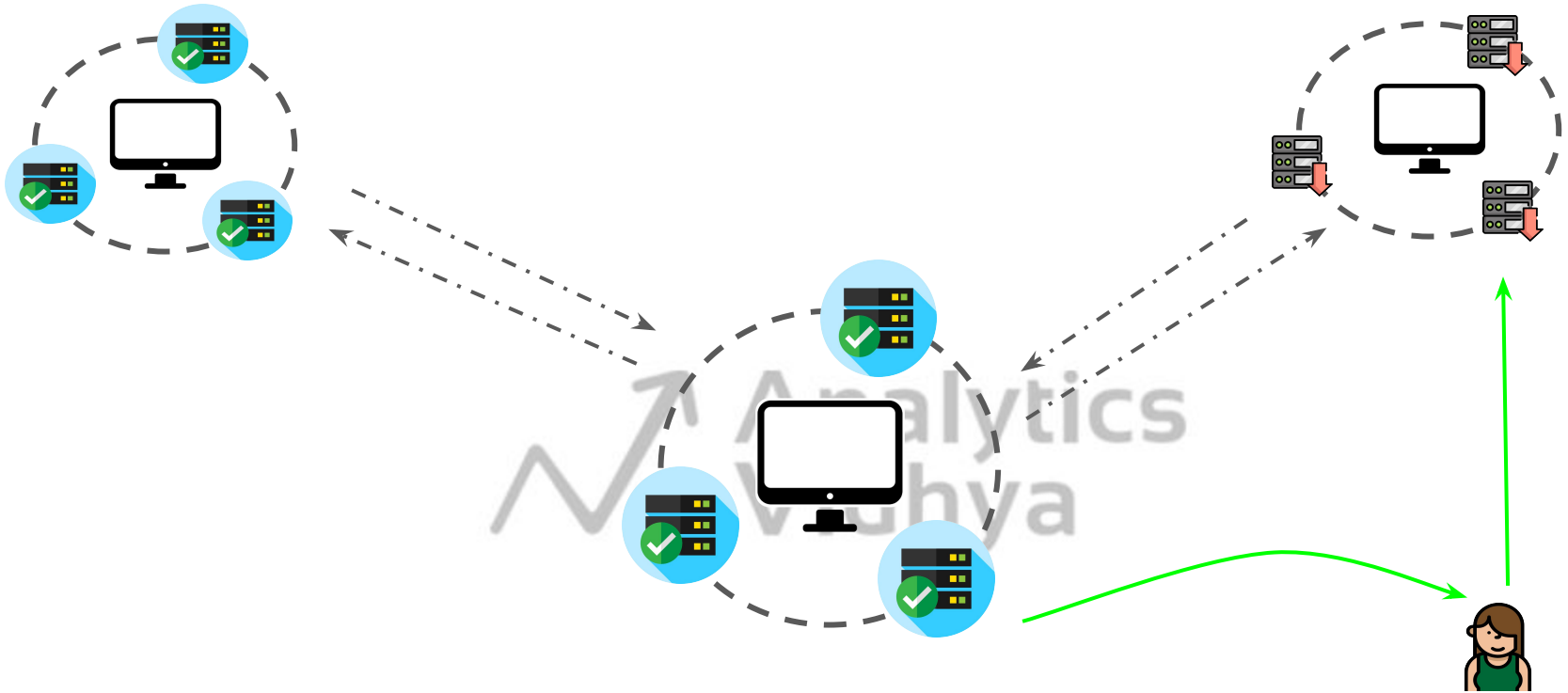
Analytics Vidhya



Analytics
Vidhya



Analytics
Vidhya



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Thank You

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