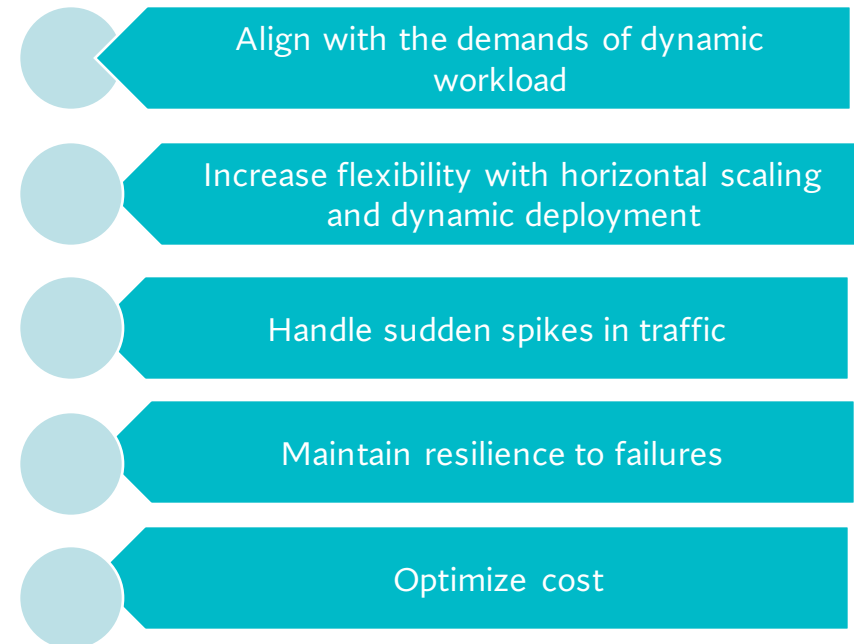
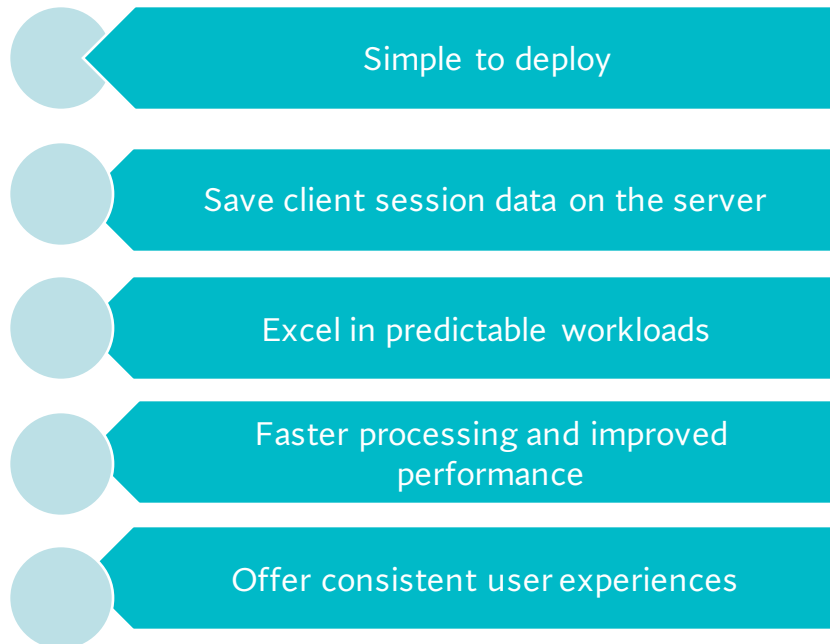


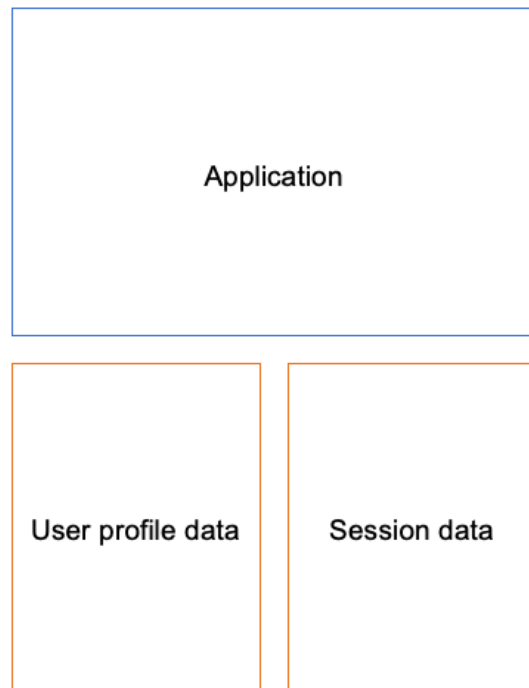
Stateful vs Stateless Architectures



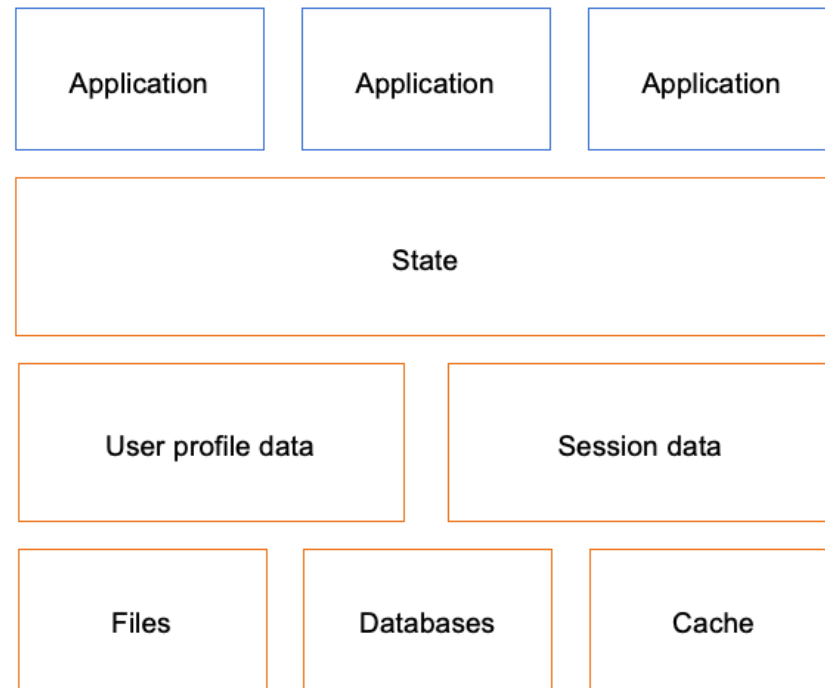
Stateful Application vs Stateless Application



Conceptual diagram for stateful vs stateless architectures



Stateful architecture



Stateless architecture

Steps for converting stateful to stateless architecture

- Identifying and understanding the stateful requirements
 - Decoupling user profile data
 - Offloading session data
 - Scaling each component dynamically
 - Designing a stateless architecture
-

Benefits of adopting a stateless architecture

- Scalability
 - Reliability and fault tolerance
 - Cost-effectiveness
 - Performance
 - Flexibility and extensibility
-

Example of a Stateless Architecture

