

PART VIII

Productionalizing Machine Learning Solutions on GCP

CHAPTER 45

Containers and Google Kubernetes Engine

The microservice architecture is an approach for developing and deploying enterprise cloud-native software applications that involve separating the core business capabilities of the application into decoupled components. Each business capability represents some functionality that the application provides as services to the end user. The idea of microservices is in contrast to the monolithic architecture which involves building applications as a composite of its “individual” capabilities. See an illustration in Figure 45-1.

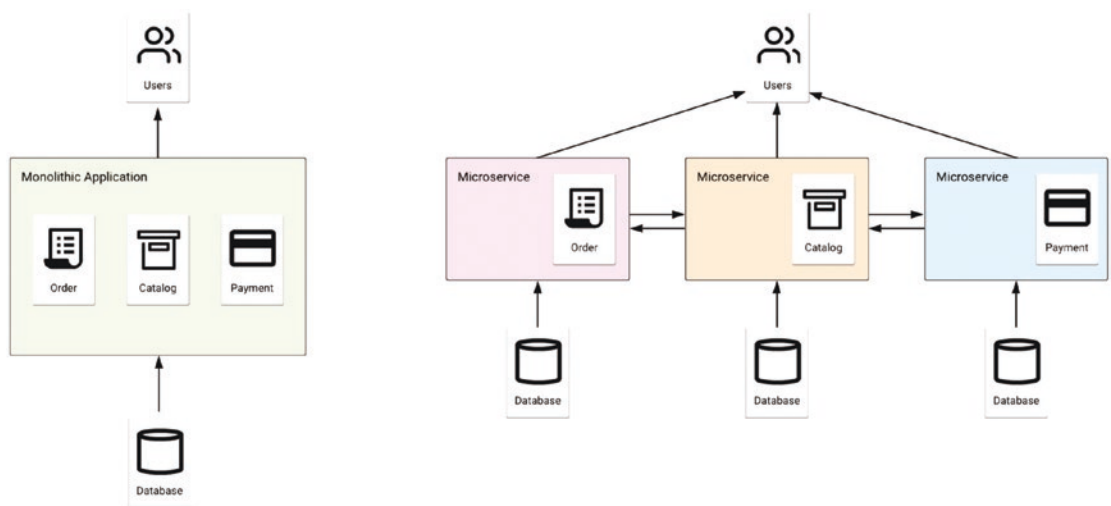


Figure 45-1. *Microservice applications (right) vs. monolithic applications (left)*