Advantages:

Zero server management

Flexible scaling

No idle capacity- pay for only compute time

Serveless Programming

AWS Lambda: is a servrelss computing service proviedde by Amezaon to reduce config of servers , OS

Lets you to run code without provisioning server, scales automatically and only charge for the time code is running.

When to use Lambda?

When you want to expose a web endpoint , a stream processor, or a task to cloud without depending on server and OS.