# CI/CD implementation

## The CI/CD Pipeline



011010
110011
010101

Build   Test   Analyze   Deploy   Verify   Promote

Revert
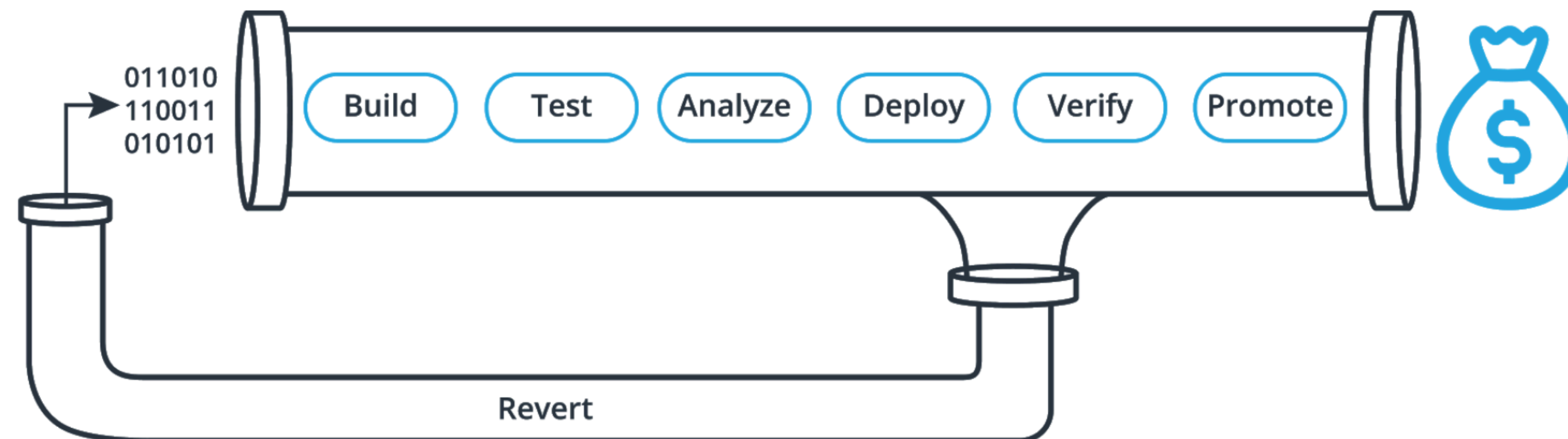
## Prioritize deploy security while reducing cost



CONTINUOUS INTEGRATION

BUILD → TEST → MERGE

AUTOMATICALLY DEPLOY TO PRODUCTION ← AUTOMATICALLY RELEASE TO REPOSITORY

CONTINUOUS DEPLOYMENT          CONTINUOUS DELIVERY

UdaPeople™
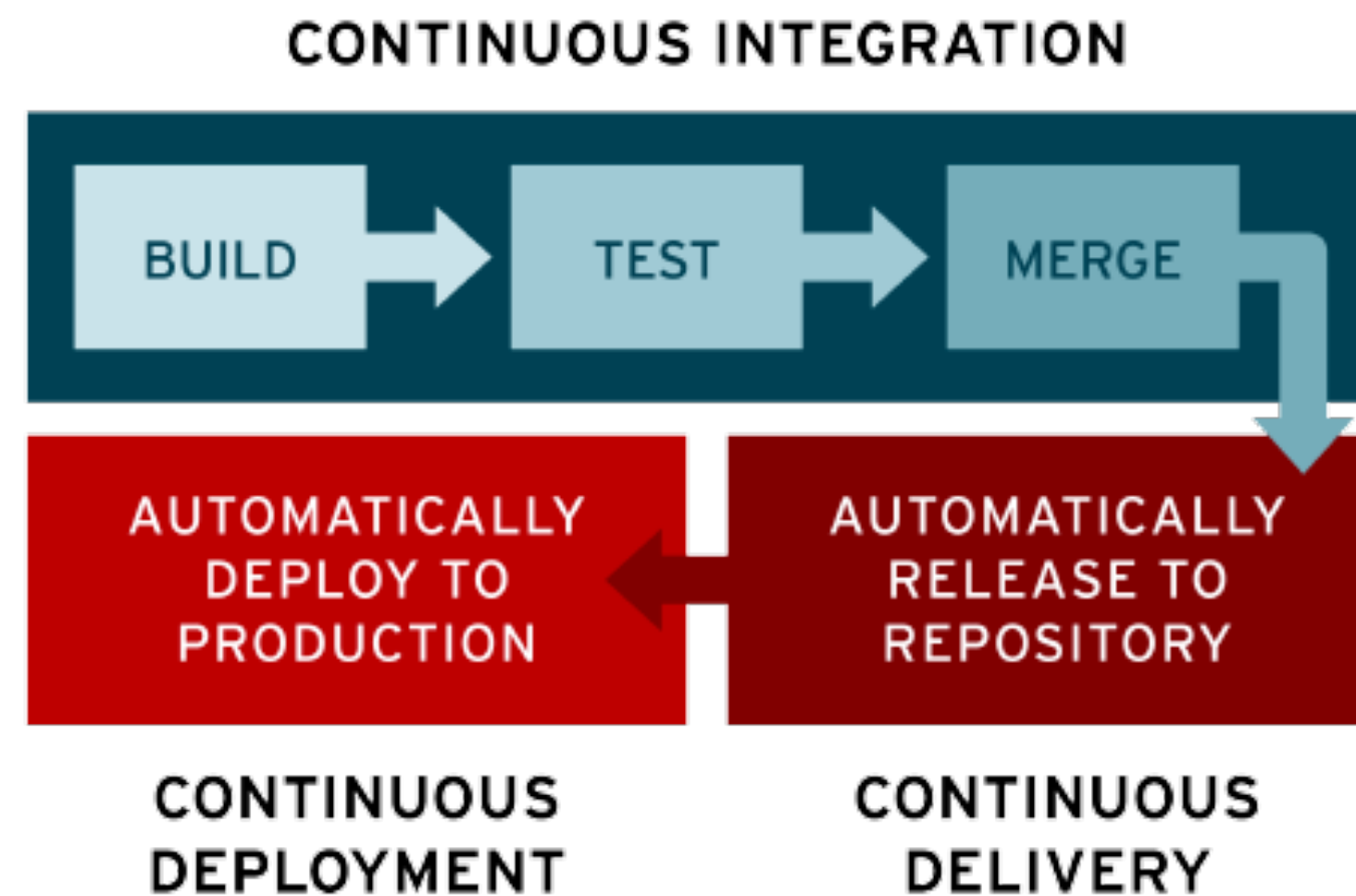
| Technical Language | Value | Translation |
|---|---|---|
| Catch Compile Errors After Merge | Reduce Cost | Less developer time on issues from new developer code |
| Catch Unit Test Failures | Avoid Cost | Less bugs in production and less time in testing |



**UdaPeople™**
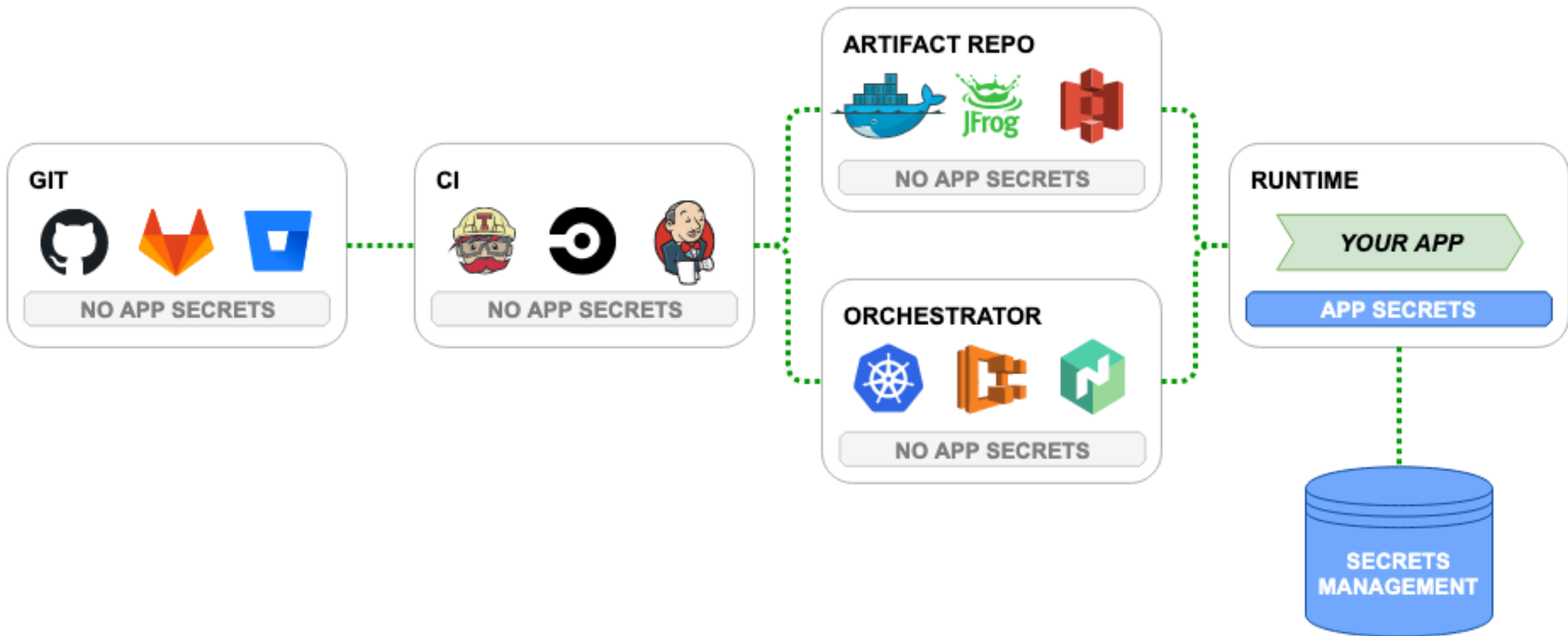
# Monitoring Advantages

Continuous monitoring allows for practice detection and ability to define incident response
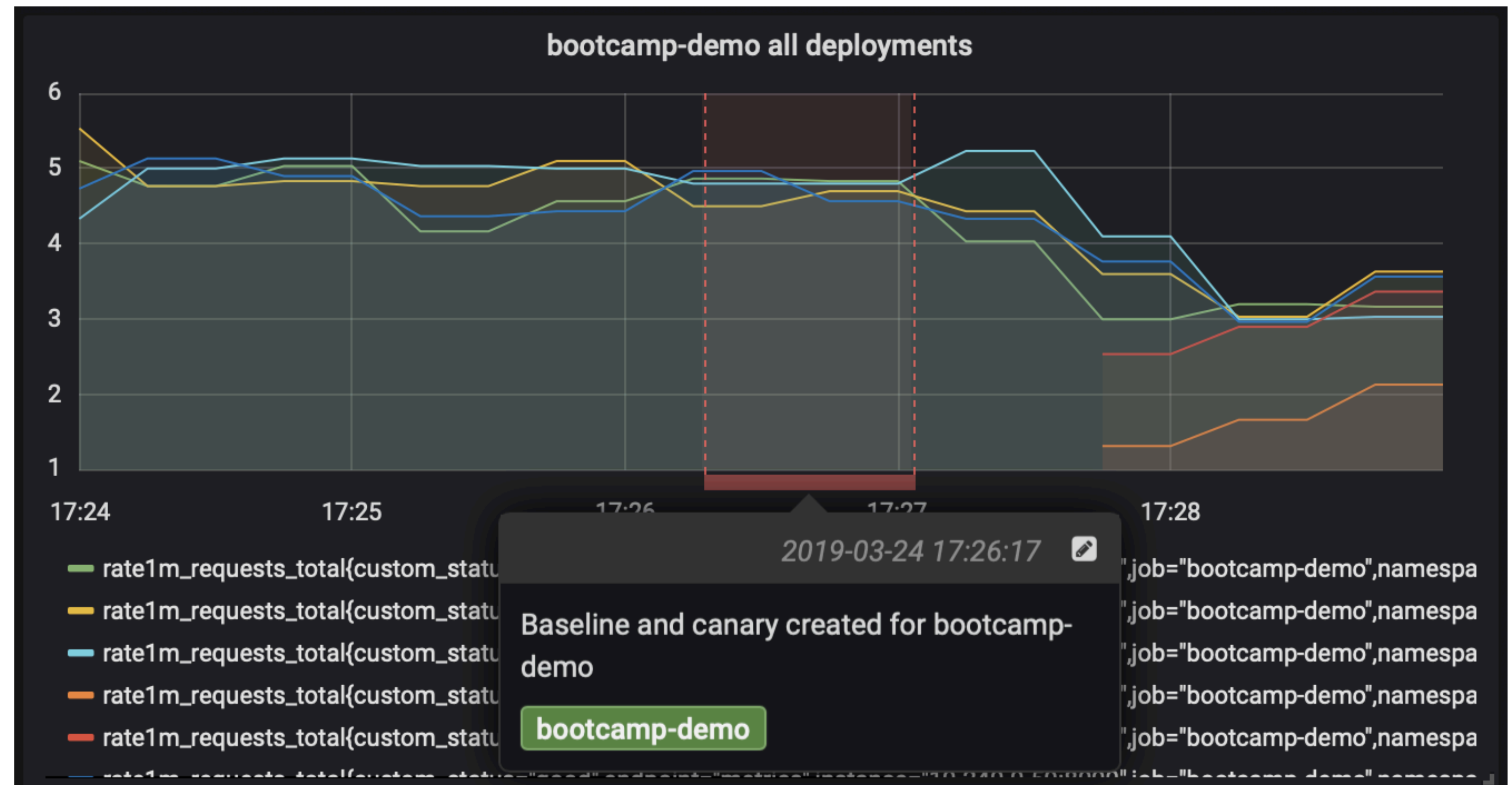


Active monitoring = Fast error identification = Product longer available = Revenue Increase

**UdaPeople™**