

AI Cloud Cost Optimization Report

Project Summary

Project Name: Ecommerce Analytics Platform

Total Monthly Cost: ■969.0

Budget: ■3000

Over Budget: False

Cost Breakdown by Service

- Compute: ■432.0
- Database: ■230.0
- Storage: ■65.0
- Networking: ■224.0
- Monitoring: ■18.0

Optimization Recommendations

1. Migrate to Free-Tier MongoDB
 - Service: Database
 - Potential Savings: ■230.0
 - Providers: AWS, Azure, GCP
2. Use AWS Free-Tier for Development
 - Service: Compute
 - Potential Savings: ■432.0
 - Providers: AWS
3. Implement Azure Reserved VM Instances
 - Service: Compute
 - Potential Savings: ■432.0
 - Providers: Azure
4. Use GCP Persistent Disks with Spot Instances
 - Service: Storage
 - Potential Savings: ■65.0
 - Providers: GCP
5. Implement AWS CloudWatch for Monitoring
 - Service: Monitoring
 - Potential Savings: ■0.0
 - Providers: AWS
6. Use Azure Load Balancer for Scalability
 - Service: Networking
 - Potential Savings: ■0.0
 - Providers: Azure
7. Migrate to Open-Source Alternatives
 - Service: Compute
 - Potential Savings: ■432.0
 - Providers: AWS, Azure, GCP
8. Implement Azure Cost Estimator
 - Service: Compute
 - Potential Savings: ■0.0
 - Providers: Azure

9. Use GCP Persistent Disks for Storage

Service: Storage

Potential Savings: ■65.0

Providers: GCP