

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