

# AWS FinOps Report

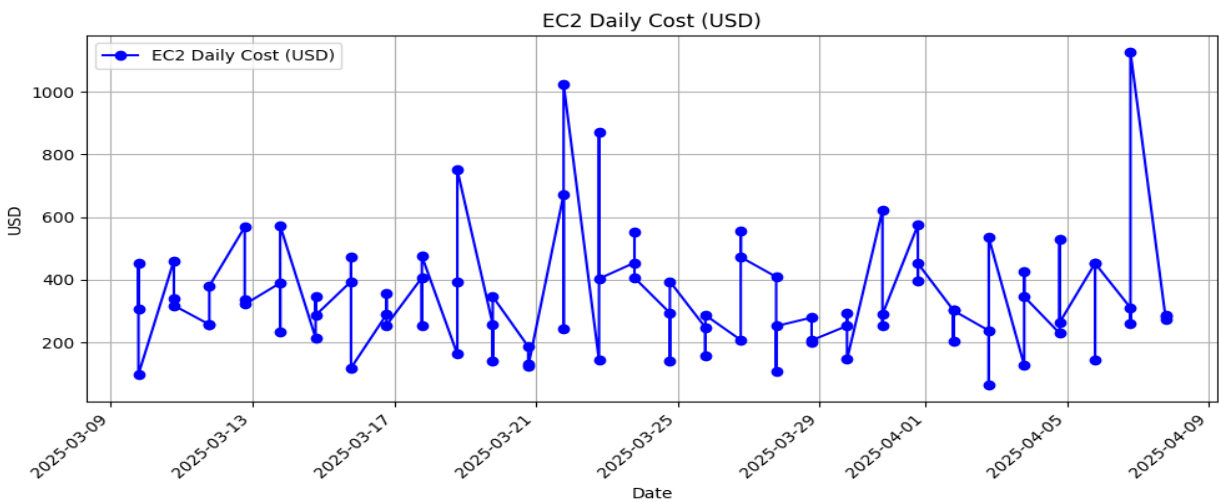
By Alex Curtis

# Report Summary

Total Cost (USD): 117,246.51  
Total Usage (Units): 2,388,911  
Average Daily Cost (USD): 325.68  
Average Daily Usage (Units): 6,636

This report includes cost and usage charts segmented by Service, Region, and the top ResourceGroups (by cost).

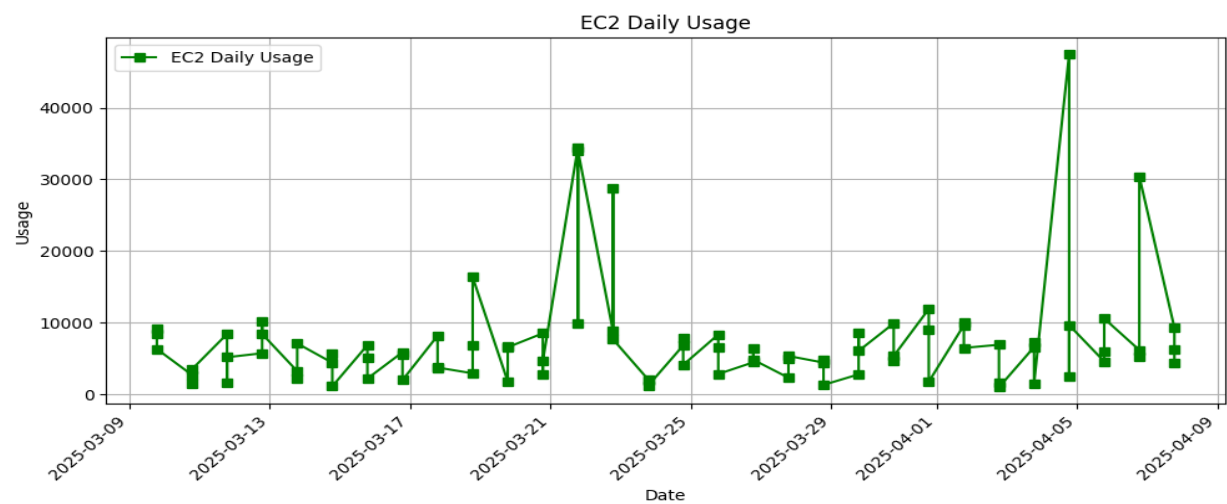
# EC2 Daily Cost (USD)



Insight 1: Minimum Cost: 63.57. Insight 2: Maximum Cost: 1,125.83. Insight 3: Average Cost: 345.53.

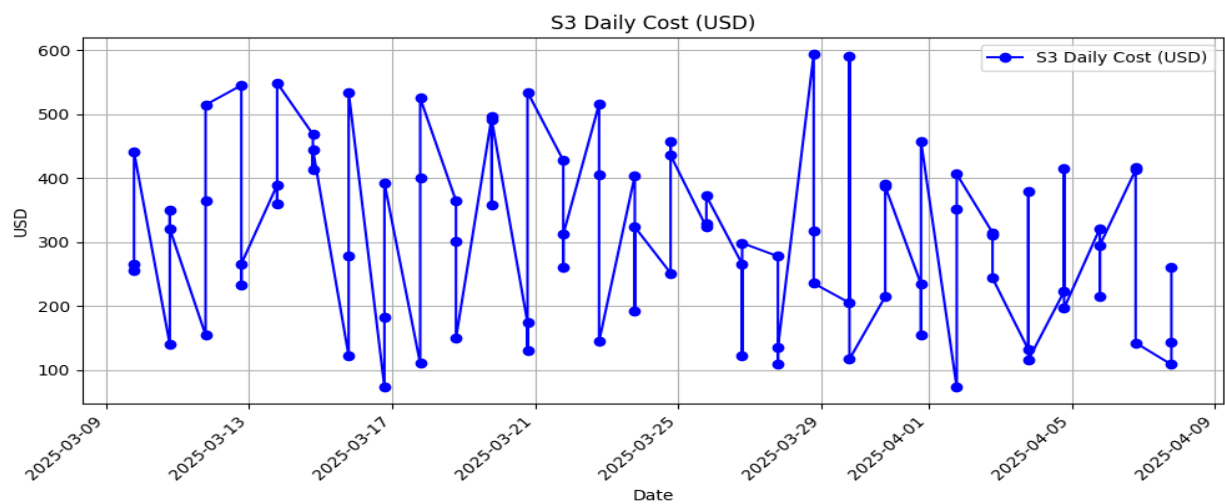
Recommendation: Investigate days with high cost spikes. Consider cost-saving measures such as reserved or spot instances, and evaluate if underutilized resources can be scaled down.

# EC2 Daily Usage



Insight 1: Minimum Usage: 989.00. Insight 2: Maximum Usage: 47,436.00. Insight 3: Average Usage: 7,260.74.  
Recommendation: Review usage fluctuations closely. Consider setting up autoscaling or right-sizing your resources to optimize usage and reduce unnecessary overhead.

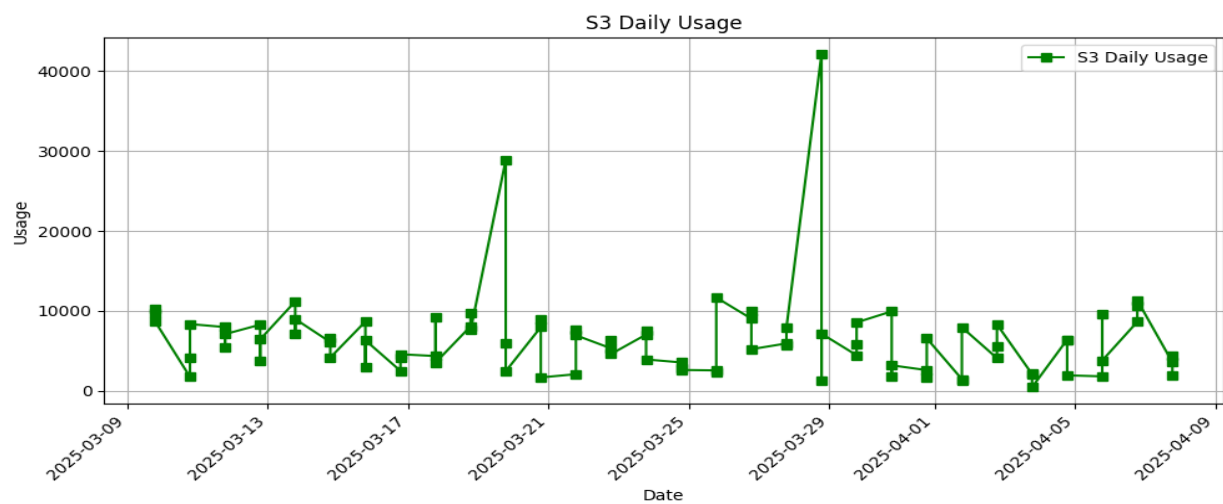
# S3 Daily Cost (USD)



Insight 1: Minimum Cost: 72.66. Insight 2: Maximum Cost: 593.46. Insight 3: Average Cost: 309.12.

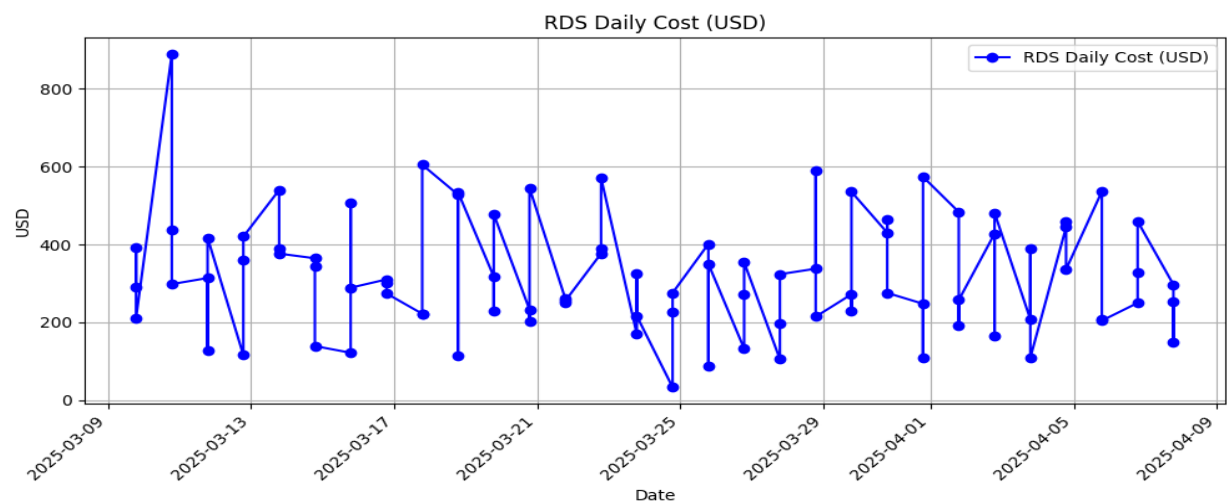
Recommendation: Investigate days with high cost spikes. Consider cost-saving measures such as reserved or spot instances, and evaluate if underutilized resources can be scaled down.

# S3 Daily Usage



Insight 1: Minimum Usage: 459.00. Insight 2: Maximum Usage: 42,080.00. Insight 3: Average Usage: 6,378.80.  
Recommendation: Review usage fluctuations closely. Consider setting up autoscaling or right-sizing your resources to optimize usage and reduce unnecessary overhead.

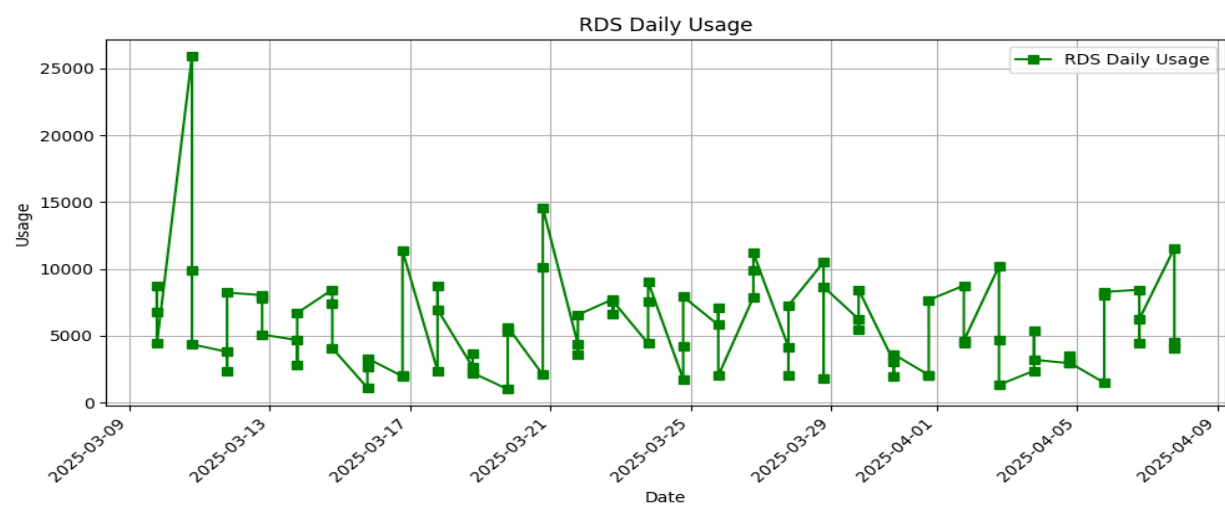
# RDS Daily Cost (USD)



Insight 1: Minimum Cost: 33.23. Insight 2: Maximum Cost: 887.86. Insight 3: Average Cost: 321.65.

Recommendation: Investigate days with high cost spikes. Consider cost-saving measures such as reserved or spot instances, and evaluate if underutilized resources can be scaled down.

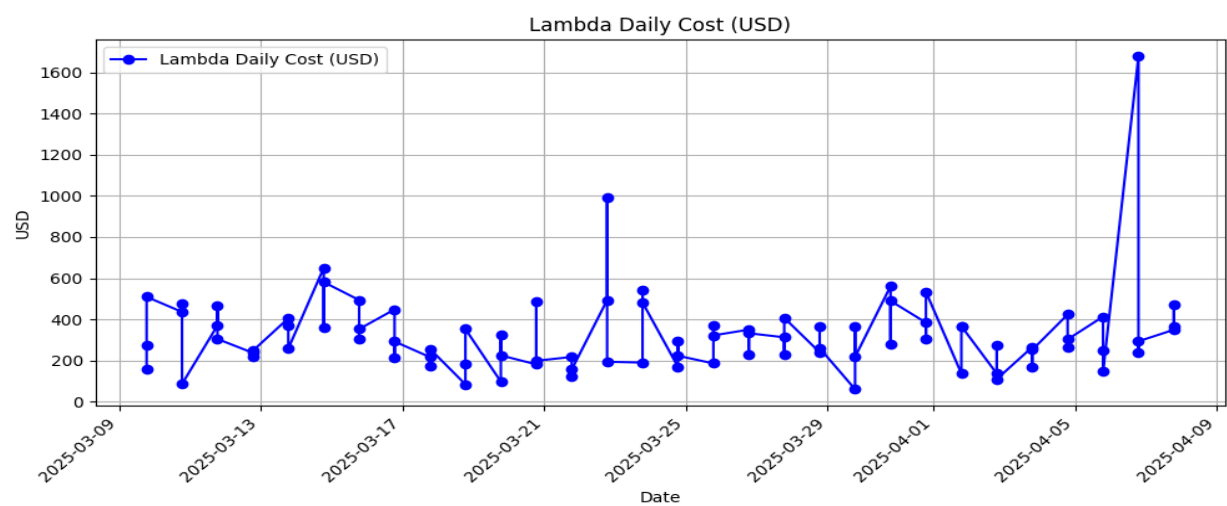
# RDS Daily Usage



Insight 1: Minimum Usage: 986.00. Insight 2: Maximum Usage: 25,908.00. Insight 3: Average Usage: 5,764.14.  
Recommendation: Review usage fluctuations closely. Consider setting up autoscaling or right-sizing your resources to optimize usage and reduce unnecessary overhead.



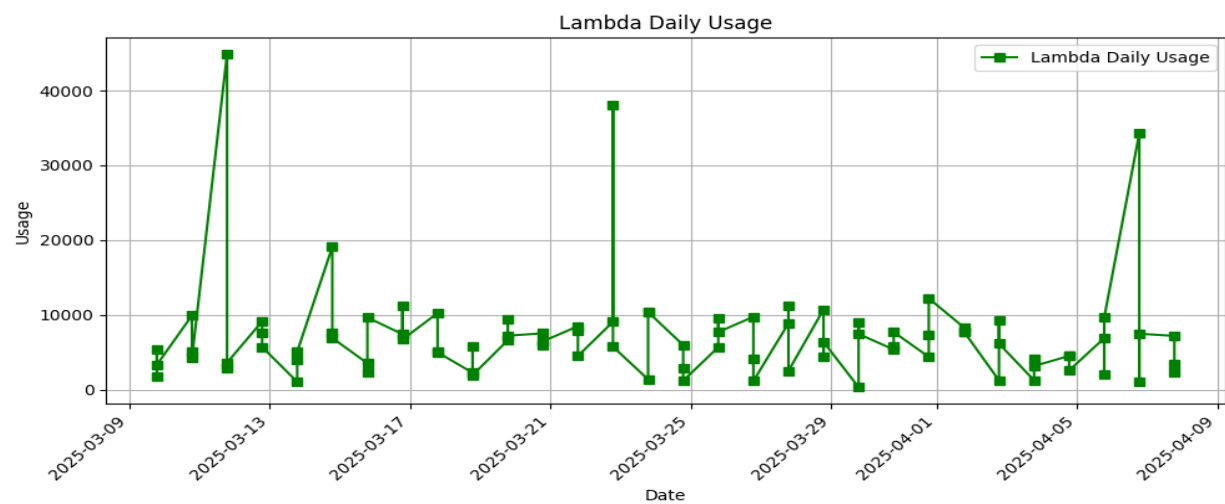
# Lambda Daily Cost (USD)



Insight 1: Minimum Cost: 59.35. Insight 2: Maximum Cost: 1,678.90. Insight 3: Average Cost: 326.44.

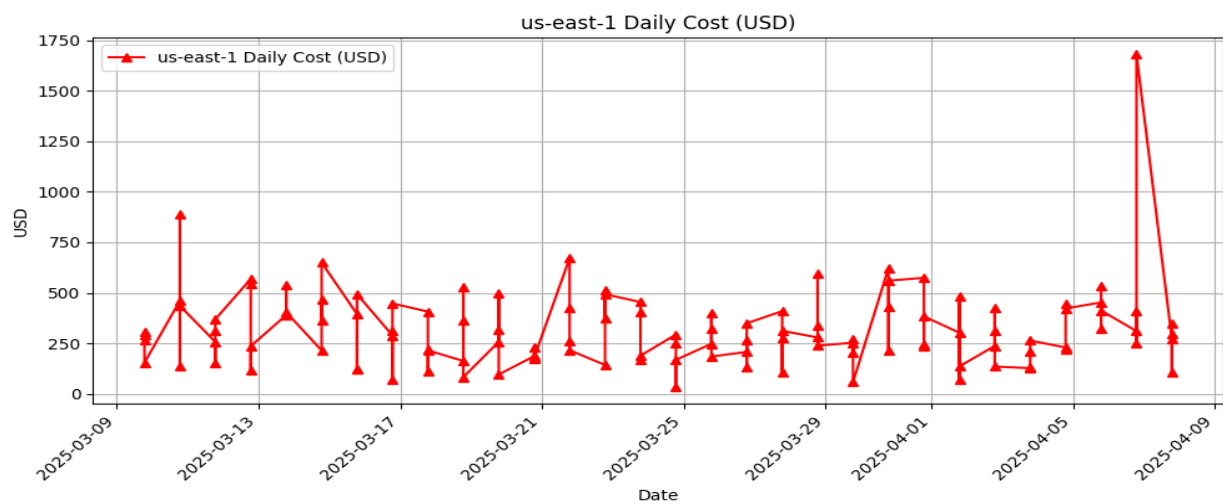
Recommendation: Investigate days with high cost spikes. Consider cost-saving measures such as reserved or spot instances, and evaluate if underutilized resources can be scaled down.

# Lambda Daily Usage



Insight 1: Minimum Usage: 303.00. Insight 2: Maximum Usage: 44,830.00. Insight 3: Average Usage: 7,139.77.  
Recommendation: Review usage fluctuations closely. Consider setting up autoscaling or right-sizing your resources to optimize usage and reduce unnecessary overhead.

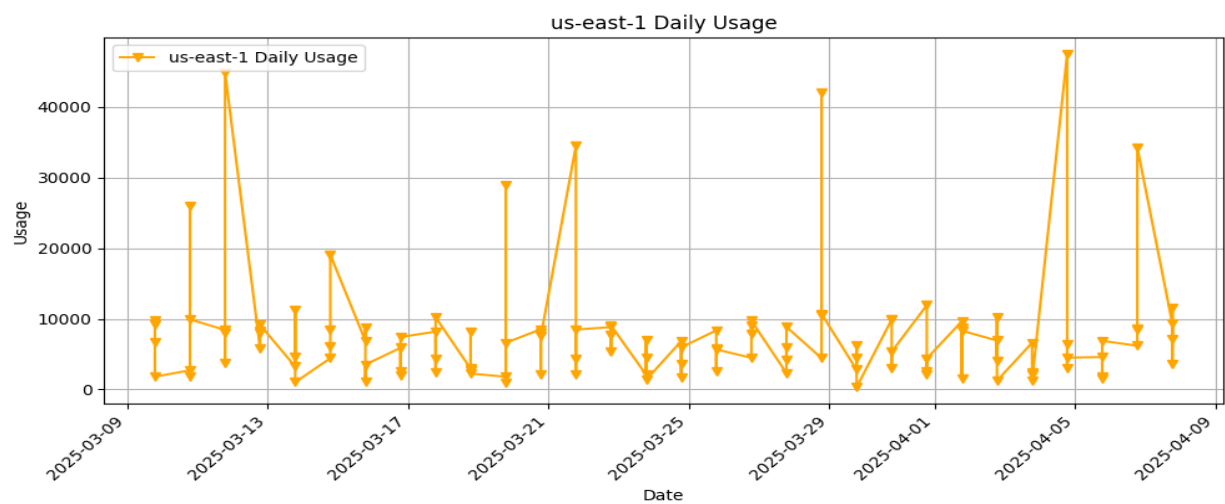
# us-east-1 Daily Cost (USD)



Insight 1: Minimum Cost: 33.23. Insight 2: Maximum Cost: 1,678.90. Insight 3: Average Cost: 321.47.

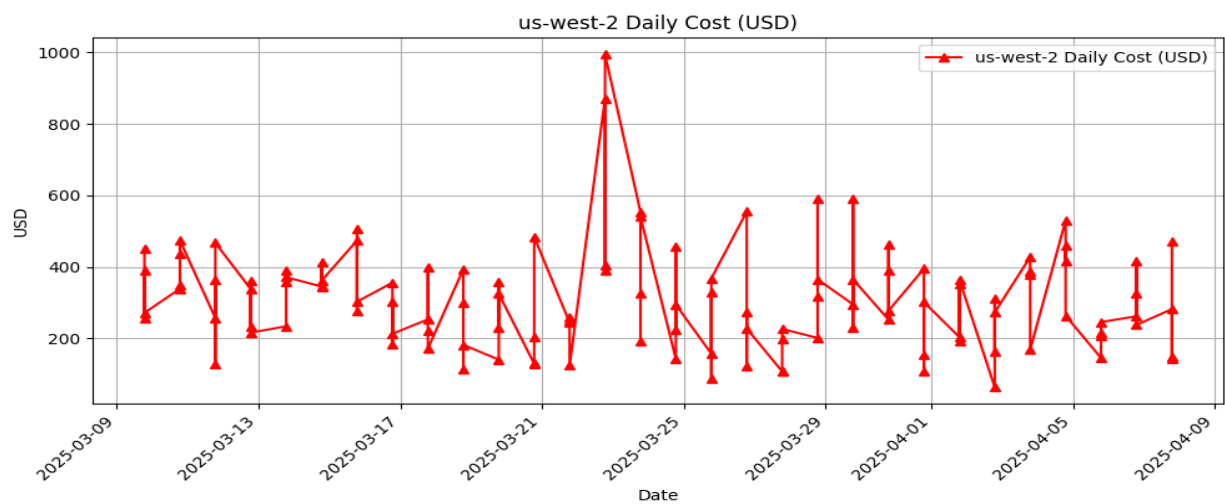
Recommendation: Investigate days with high cost spikes. Consider cost-saving measures such as reserved or spot instances, and evaluate if underutilized resources can be scaled down.

# us-east-1 Daily Usage



Insight 1: Minimum Usage: 303.00. Insight 2: Maximum Usage: 47,436.00. Insight 3: Average Usage: 7,604.03.  
Recommendation: Review usage fluctuations closely. Consider setting up autoscaling or right-sizing your resources to optimize usage and reduce unnecessary overhead.

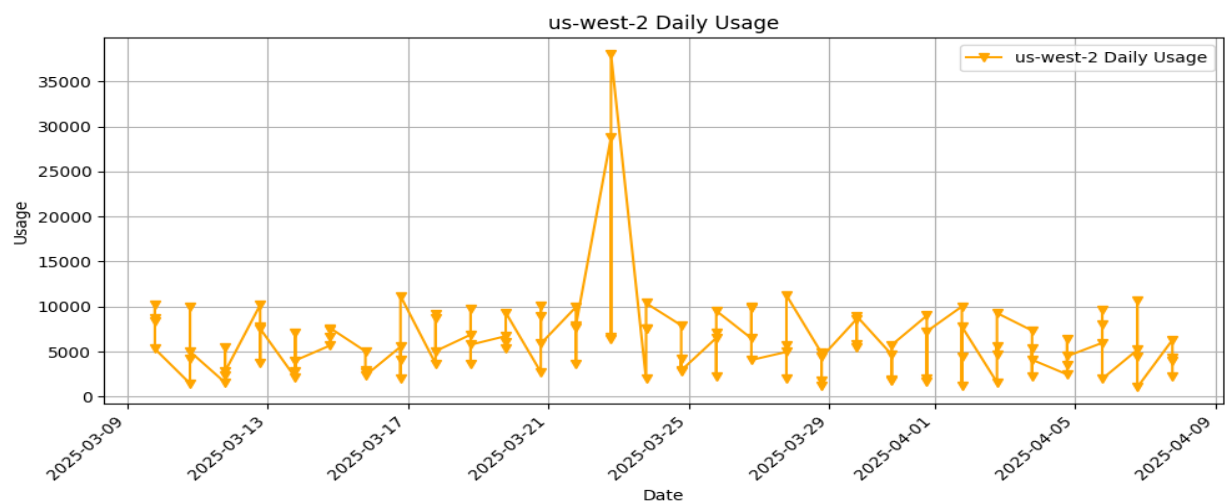
# us-west-2 Daily Cost (USD)



Insight 1: Minimum Cost: 63.57. Insight 2: Maximum Cost: 993.97. Insight 3: Average Cost: 309.98.

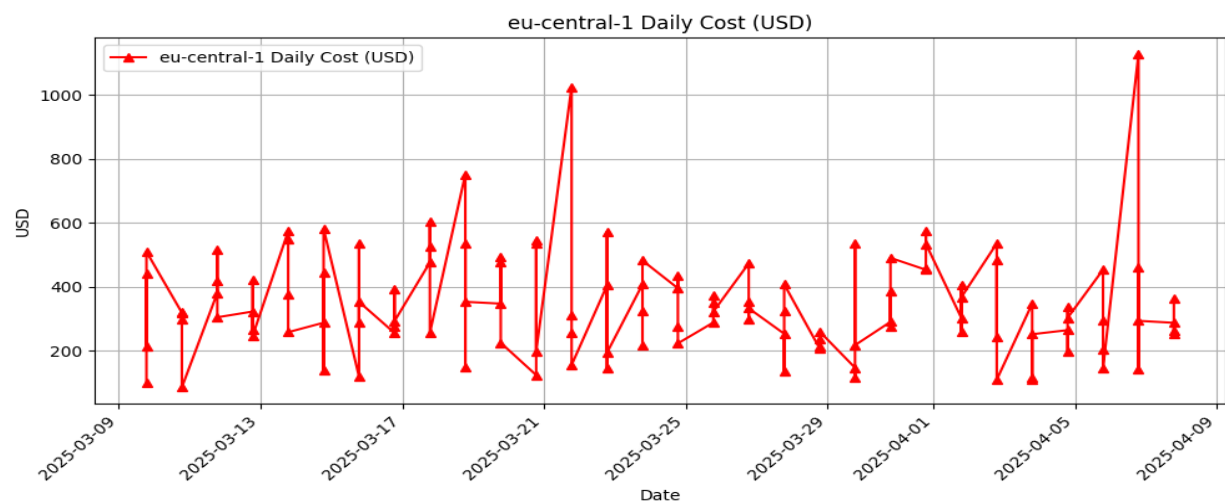
Recommendation: Investigate days with high cost spikes. Consider cost-saving measures such as reserved or spot instances, and evaluate if underutilized resources can be scaled down.

# us-west-2 Daily Usage



Insight 1: Minimum Usage: 1,042.00. Insight 2: Maximum Usage: 38,000.00. Insight 3: Average Usage: 6,129.77.  
Recommendation: Review usage fluctuations closely. Consider setting up autoscaling or right-sizing your resources to optimize usage and reduce unnecessary overhead.

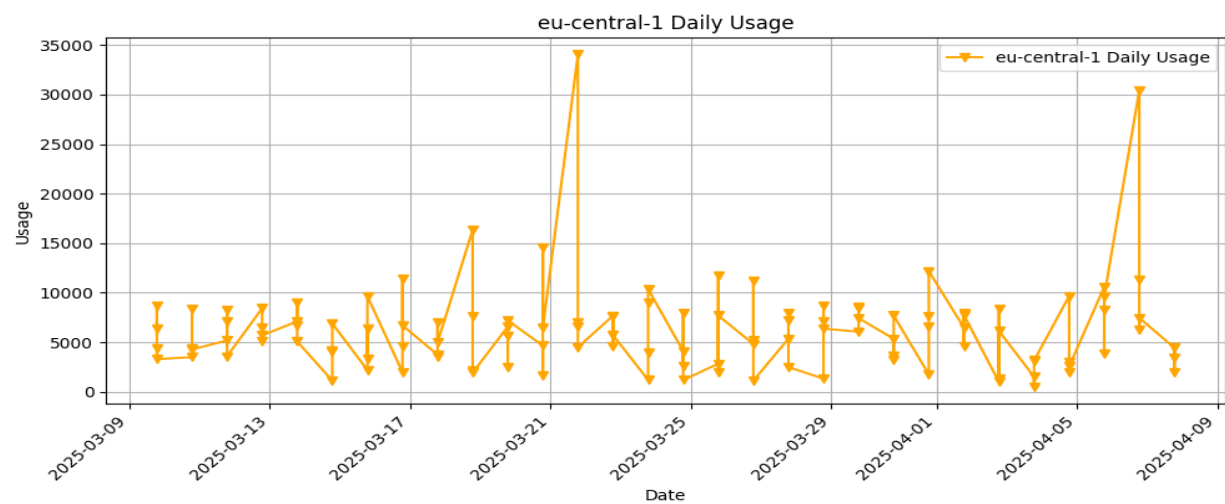
# eu-central-1 Daily Cost (USD)



Insight 1: Minimum Cost: 85.16. Insight 2: Maximum Cost: 1,125.83. Insight 3: Average Cost: 345.61.

Recommendation: Investigate days with high cost spikes. Consider cost-saving measures such as reserved or spot instances, and evaluate if underutilized resources can be scaled down.

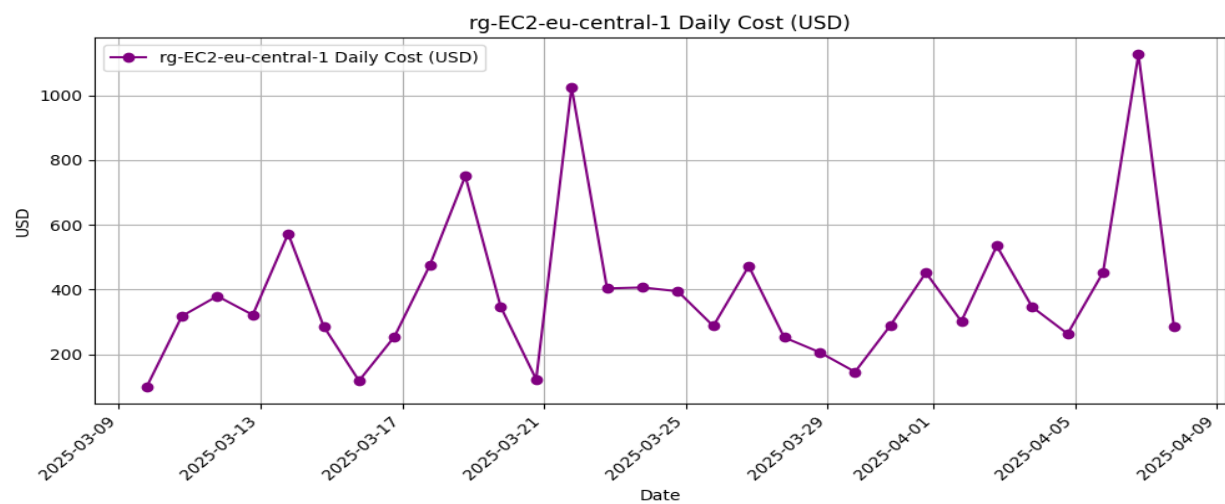
# eu-central-1 Daily Usage



Insight 1: Minimum Usage: 459.00. Insight 2: Maximum Usage: 34,050.00. Insight 3: Average Usage: 6,173.78.  
Recommendation: Review usage fluctuations closely. Consider setting up autoscaling or right-sizing your resources to optimize usage and reduce unnecessary overhead.



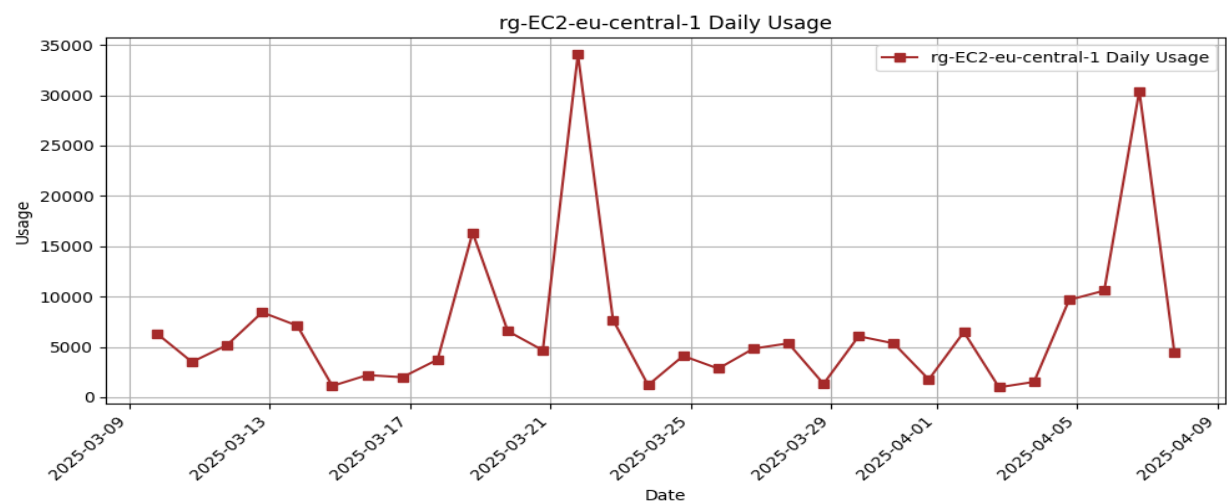
# rg-EC2-eu-central-1 Daily Cost (USD)



Insight 1: Minimum Cost: 98.67. Insight 2: Maximum Cost: 1,125.83. Insight 3: Average Cost: 389.98.

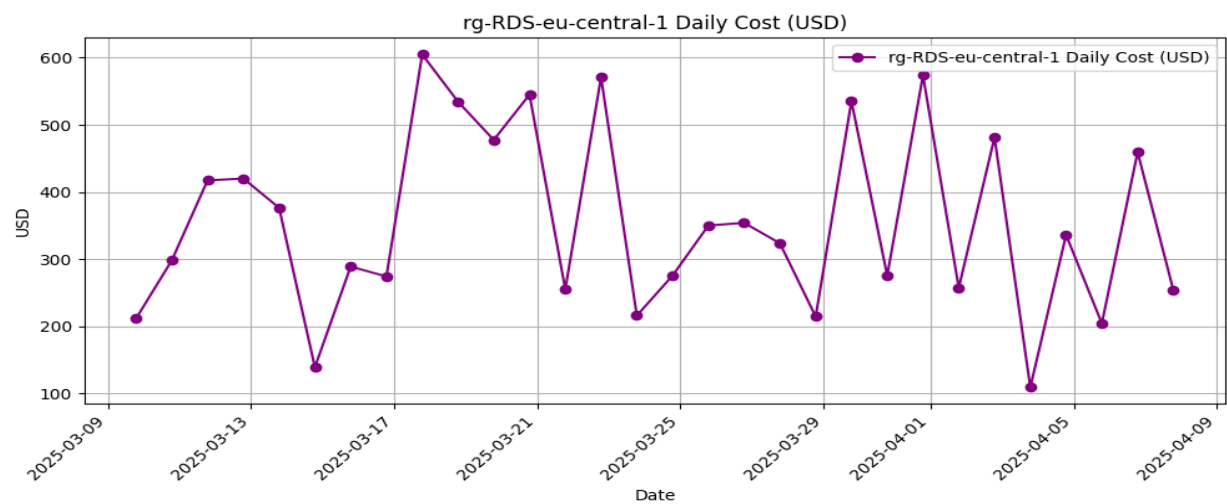
Recommendation: Investigate days with high cost spikes. Consider cost-saving measures such as reserved or spot instances, and evaluate if underutilized resources can be scaled down.

# rg-EC2-eu-central-1 Daily Usage



Insight 1: Minimum Usage: 989.00. Insight 2: Maximum Usage: 34,050.00. Insight 3: Average Usage: 6,862.37.  
Recommendation: Review usage fluctuations closely. Consider setting up autoscaling or right-sizing your resources to optimize usage and reduce unnecessary overhead.

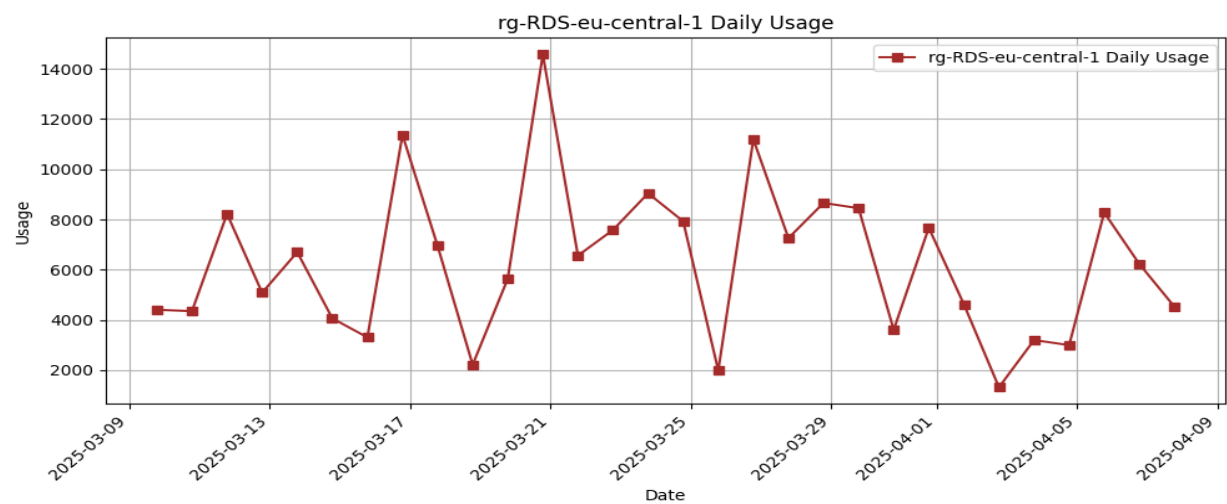
# rg-RDS-eu-central-1 Daily Cost (USD)



Insight 1: Minimum Cost: 109.25. Insight 2: Maximum Cost: 604.80. Insight 3: Average Cost: 354.45.

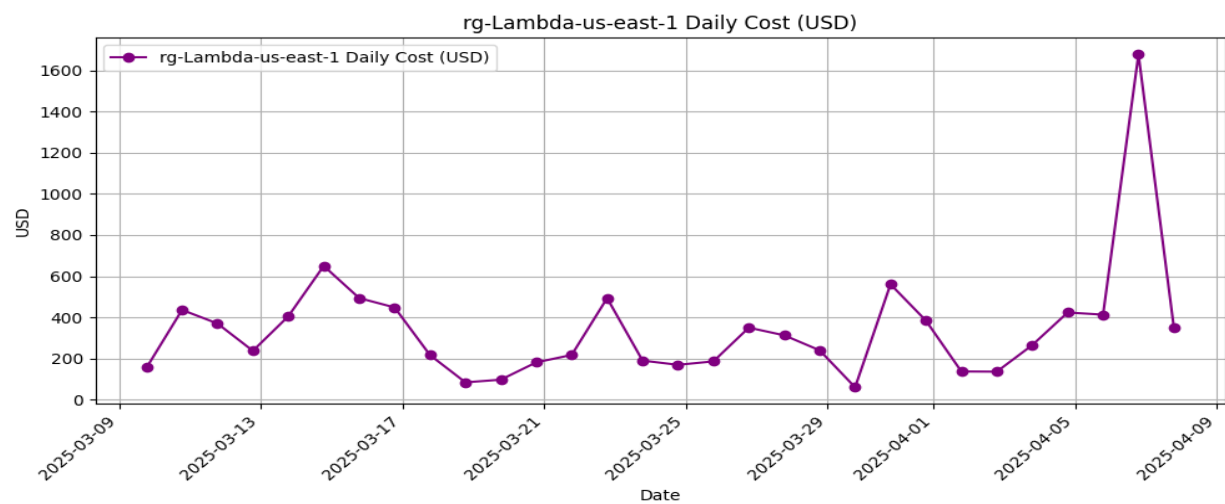
Recommendation: Investigate days with high cost spikes. Consider cost-saving measures such as reserved or spot instances, and evaluate if underutilized resources can be scaled down.

# rg-RDS-eu-central-1 Daily Usage



Insight 1: Minimum Usage: 1,319.00. Insight 2: Maximum Usage: 14,572.00. Insight 3: Average Usage: 6,266.70. Recommendation: Review usage fluctuations closely. Consider setting up autoscaling or right-sizing your resources to optimize usage and reduce unnecessary overhead.

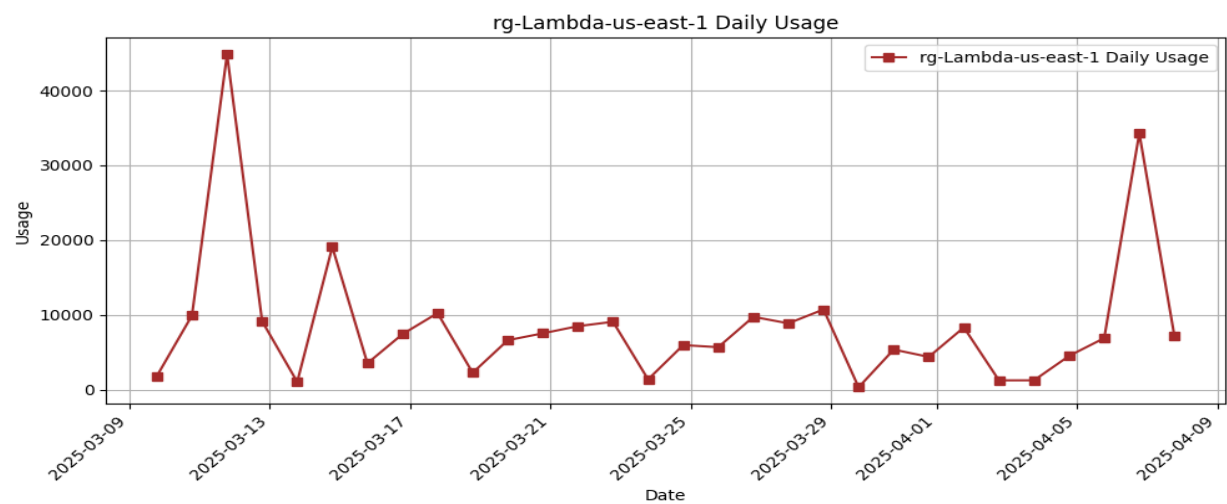
# rg-Lambda-us-east-1 Daily Cost (USD)



Insight 1: Minimum Cost: 59.35. Insight 2: Maximum Cost: 1,678.90. Insight 3: Average Cost: 344.23.

Recommendation: Investigate days with high cost spikes. Consider cost-saving measures such as reserved or spot instances, and evaluate if underutilized resources can be scaled down.

# rg-Lambda-us-east-1 Daily Usage



Insight 1: Minimum Usage: 303.00. Insight 2: Maximum Usage: 44,830.00. Insight 3: Average Usage: 8,557.13.  
Recommendation: Review usage fluctuations closely. Consider setting up autoscaling or right-sizing your resources to optimize usage and reduce unnecessary overhead.

# Recommendations

## Cost Optimization

- Investigate services with high cost spikes for potential savings.
- Consider reserved instances or savings plans for predictable workloads.
- Review and eliminate underutilized or idle resources.

## Usage Efficiency

- Analyze usage patterns to identify periods of peak demand.
- Consider autoscaling solutions to match resource allocation with demand.
- Optimize resource sizing based on actual usage data.

## Resource Consolidation

- Group similar ResourceGroups to streamline management.
- Evaluate opportunities for consolidating resources across regions or services.
- Reduce overhead by eliminating redundant resource groups.

## Forecasting & Alerts

- Implement forecasting tools to predict future cost trends.
- Set up alerts for abnormal cost or usage patterns.
- Monitor trends and adjust resource allocation proactively.