☁️ Finly Cloud Cost Report

🔍 Executive Summary

Executive Summary:

In the analyzed cloud bills for the recent month, AWS has incurred the highest costs at $1,234.56, followed by Azure at $987.65 and Google Cloud Platform (GCP) with the lowest cost of $543.21. This trend indicates a significant difference in spending across the three cloud service providers.

While it is essential to have a diversified cloud strategy for business resilience, it is also crucial to monitor costs to ensure optimal resource allocation and efficient spend management. The substantial disparity in costs between AWS and other cloud platforms calls for further investigation into potential areas of excess spending or underutilized resources within the AWS environment.

To address this issue, we recommend conducting a thorough cost optimization analysis for AWS services, identifying opportunities for rightsizing instances, eliminating idle resources, implementing cost-effective reservation policies, and leveraging spot instances where possible. This strategic approach is expected to help in reducing costs while ensuring business continuity and operational efficiency on the AWS platform.

Simultaneously, we propose periodically reviewing Azure and GCP bills to monitor spending trends and identify any potential savings opportunities. Collaborating with cloud service providers' account teams may help uncover further cost-saving initiatives specific to each platform.

By implementing these recommendations, we aim to achieve a more balanced and cost-effective multi-cloud strategy while maintaining the necessary level of agility, scalability, and performance for our organization's IT needs.

💵 Cost Breakdown

- **AWS**: $1,234.56 (mocked AWS API call)
- **Azure**: $987.65 (mocked Azure bill)
- **GCP**: $543.21 (mocked GCP bill)

💡 Optimization Suggestions

AWS

💡 AWS Optimization Tips: • Terminate or downsize idle EC2 instances. • Use Savings Plans or Reserved Instances. • Leverage S3 lifecycle rules to archive old data. • Schedule dev/test environments to shut down outside business hours. • Use AWS Compute Optimizer for rightsizing recommendations.

Azure

💡 Azure Optimization Tips: • Identify underutilized VMs via Azure Advisor. • Switch to Reserved VM Instances or Savings Plans. • Use autoscale for App Services and AKS. • Move Blob storage to cool/archive tiers. • Delete unused public IPs and orphaned disks.

GCP

💡 GCP Optimization Tips: • Right-size Compute Engine VMs using recommendations. • Commit to Sustained Use or CUDs (Committed Use Discounts). • Migrate unused disks to Nearline/Coldline storage. • Review BigQuery active tables and scheduled queries. • Remove orphaned load balancers and static IPs.

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