☁️ Finly Cloud Cost Report

🔍 Executive Summary

Executive Summary:

The attached cloud bills for the month under review reveal an overall spending of $2,765.42 across three major cloud service providers - Amazon Web Services (AWS), Microsoft Azure, and Google Cloud Platform (GCP). The breakdown shows that AWS incurred the highest costs at $1,234.56, followed by Azure with $987.65, and GCP with the lowest cost of $543.21.

While the expenditure on AWS and Azure seems substantial, it is essential to note that these platforms are utilized more extensively compared to GCP. Therefore, further analysis should be conducted to identify potential cost optimization opportunities within these heavily used services. This could include rightsizing instances, implementing reserved instances, or leveraging spot instances where possible.

Additionally, the significant difference in spending between AWS and GCP warrants a closer look at the specific services being utilized on each platform. It may be that certain workloads are better suited to one provider over another, providing an opportunity to optimize resource allocation and reduce overall costs.

Lastly, it is recommended to monitor trends over time to identify any unusual spending patterns or potential areas of waste. Regular reviews can help ensure that the organization's cloud strategy aligns with its budgetary goals and maximizes the value derived from each cloud provider.

💵 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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