Cloud Cost Optimization Dashboard

Executive Summary :

$130.22K	52.69%	2,226
Total Cloud Spend	% Change vs Last Month	Total Estimated Savings

Total Cloud Spend by CloudProvider

$42.13K (32.35%) $44.05K (33.83%)

CloudProvider
- AWS
- GCP
- Azure

$44.03K (33.82%)
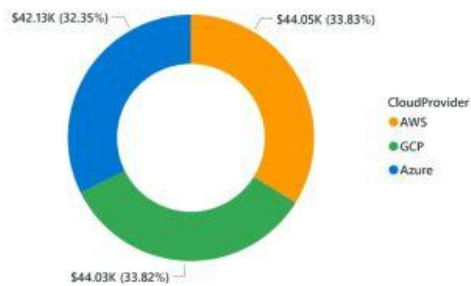
Total Cloud Spend by Department

$72K, $22K, $18K, $18K

Departments: AI/ML, Infra, Data Science, Finance

Total Cloud Spend by Date

$806.14, $912.23, $2,069.48, $1,204.59, $1,163.33, $1,010.29, $1,170.24, $939.52, $2,386.19, $2,088.88, $1,270.51, $871.44, $1,665.76, $847.39, $1,985.75, $2,237.53, $1,681.38

Jan 2025   Feb 2025   Mar 2025
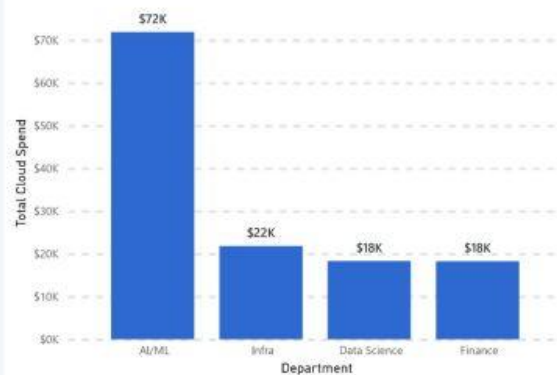
Cloud Cost Optimization Dashboard

Cost Analysis & Trends :

CloudProvider	ResourceGroup	Service	Date
All	All	All	All

Total Cloud Spend by Service and CloudProvider

CloudProvider ● AWS ● Azure ● GCP

Cost per Usage Hour by ResourceGroup
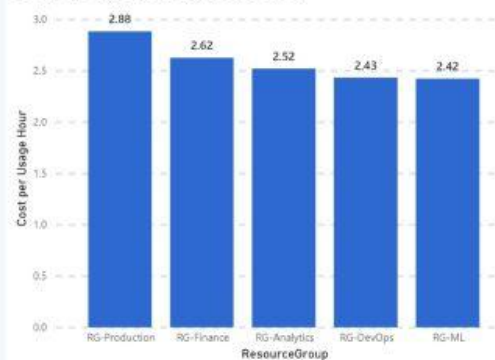
Overall Details

ResourceGroup	RG-Analytics		RG-DevOps		RG-Finance		RG-ML		RG-Production	
CloudProvider	Total Cloud Spend	Usage Hours	Total Cloud Spend	Usage Hours	Total Cloud Spend	Usage Hours	Total Cloud Spend	Usage Hours	Total Cloud Spend	Usage Hours
⊟ AWS	**$8,919.68**	**3,589.70**	**$8,915.9**	**3,455.00**	**$7,663.97**	**3,098.70**	**$8,590.49**	**3,245.60**	**$9,961.69**	**3,430.30**
CloudFront	$2,188.86	913.70	$2,068.66	853.50	$1,525.2	663.30	$2,714.89	817.70	$2,091.57	932.10
EC2	$1,488.36	849.20	$2,463.77	905.50	$1,121.95	332.90	$2,258.56	1,018.10	$1,941.51	691.40
Lambda	$1,632.45	636.90	$2,042.07	796.40	$1,652.57	524.70	$878.29	224.30	$2,357.54	703.10
RDS	$2,403.7	687.10	$670.36	297.80	$1,522.27	832.80	$1,223.38	637.20	$1,841.17	591.50
S3	$1,206.31	502.80	$1,671.04	601.80	$1,841.98	745.00	$1,515.37	548.30	$1,729.9	512.20
⊟ Azure	**$8,395.78**	**3,252.70**	**$7,680.62**	**3,411.80**	**$8,682.4**	**3,176.00**	**$8,805.44**	**3,794.90**	**$8,565.33**	**3,136.10**
App Service	$1,722.02	726.70	$2,110.66	876.50	$2,187.97	667.40	$2,027.28	881.20	$2,741.27	931.50
Functions	$2,348.33	704.90	$1,038.56	491.80	$929.57	371.20	$1,683.54	813.40	$1,631.12	486.10
SQL DB	$1,878.07	868.20	$1,716.15	613.20	$2,258.02	1,105.10	$1,407.94	560.20	$1,786.55	792.10
Storage	$1,039.26	355.60	$1,766	841.40	$1,817.04	582.40	$2,345.91	863.50	$1,610.92	548.40
Virtual Machine	$1,408.1	597.30	$1,049.25	588.90	$1,489.8	449.90	$1,340.77	676.60	$795.47	378.00
⊟ GCP	**$6,940.86**	**2,798.20**	**$8,805.7**	**3,596.20**	**$10,924.39**	**4,121.70**	**$7,815.4**	**3,382.90**	**$9,547.73**	**3,182.50**
BigQuery	$1,458.58	471.80	$2,441.01	945.70	$2,186.85	1,104.50	$1,446.36	614.40	$1,441.87	365.60
Cloud Functions	$1,283.44	703.10	$1,321.25	521.10	$2,588.44	754.40	$2,098.95	927.70	$2,529.22	1,109.70
Cloud SQL	$1,315.75	419.70	$2,457.22	945.10	$2,240.64	601.80	$950.11	473.30	$2,422.21	926.20
Total	$24,256.32	9,640.60	$25,402.22	10,463.00	$27,270.76	10,396.40	$25,211.33	10,423.40	$28,074.75	9,748.90

Q&A - Self Service

Preparing Q&A

Cloud Cost Optimization Dashboard
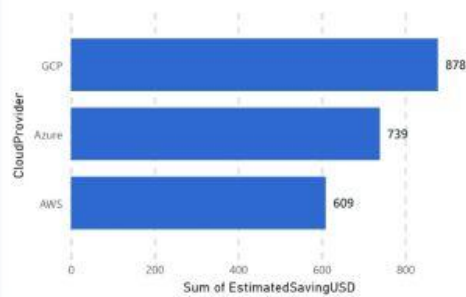
Recommendations & Savings :

CloudProvider	ResourceGroup	Service	Date
All	All	All	All

Estimated Savings by Cloud Provider

Saving Estimations Details

Year	AWS	Azure	GCP	Total
⊟ 2025	609	739	878	2226
⊟ January	229	251	387	867
Commit to 1-year savings plan			90	90
Delete unused volumes/buckets	42	17		59
Resize VM for cost efficiency		121	62	183
Turn off idle resources during weekends	152		152	304
Use spot/preemptible instances	35	113	83	231
⊟ February	120	263	281	664
Commit to 1-year savings plan	39		88	127
Delete unused volumes/buckets	31			31
Resize VM for cost efficiency			30	30
Turn off idle resources during weekends	50	108	163	321
Use spot/preemptible instances		155		155
Total	**609**	**739**	**878**	**2226**

Estimated Savings by Date
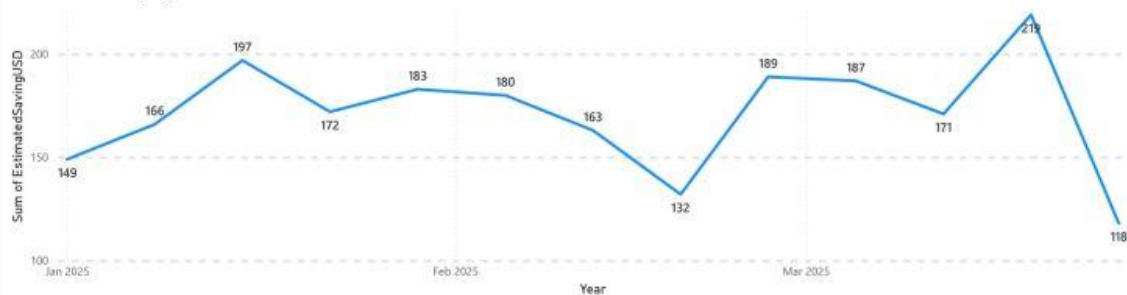
Smart Narrative

1) Sum of EstimatedSavingUSD trended down, resulting in a 20.81% decrease between Wednesday, January 1, 2025 and Wednesday, March 26, 2025.

2) At 878, GCP had the highest Sum of EstimatedSavingUSD and was 44.17% higher than AWS, which had the lowest Sum of

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Forecasting :

Total Actual Spend and Total Forecast Spend by Year, Month and ResourceGroup

● Total Actual Spend ● Total Forecast Spend

RG-Analytics

369K → 369K
333K

0.3M
0.2M
0.1M

10K 8K 9K 8K 9K 6K 9K 8K   11K

RG-DevOps

282K   282K
255K

8K 8K   10K 9K 11K   9K 7K 11K   8K

RG-Finance

297K   297K
268K

0.3M
0.2M
0.1M

7K 9K 6K   9K 7K   9K 7K 9K 9K

RG-ML

276K   277K
250K

8K 9K 9K 9K   9K 11K   8K 12K   8K

Jan 2024 Mar 2024 May 2024 Jul 2024 Sep 2024 Nov 2024 Jan 2025 Mar 2025

Year Month