

CloudSavr Cost Optimization Report

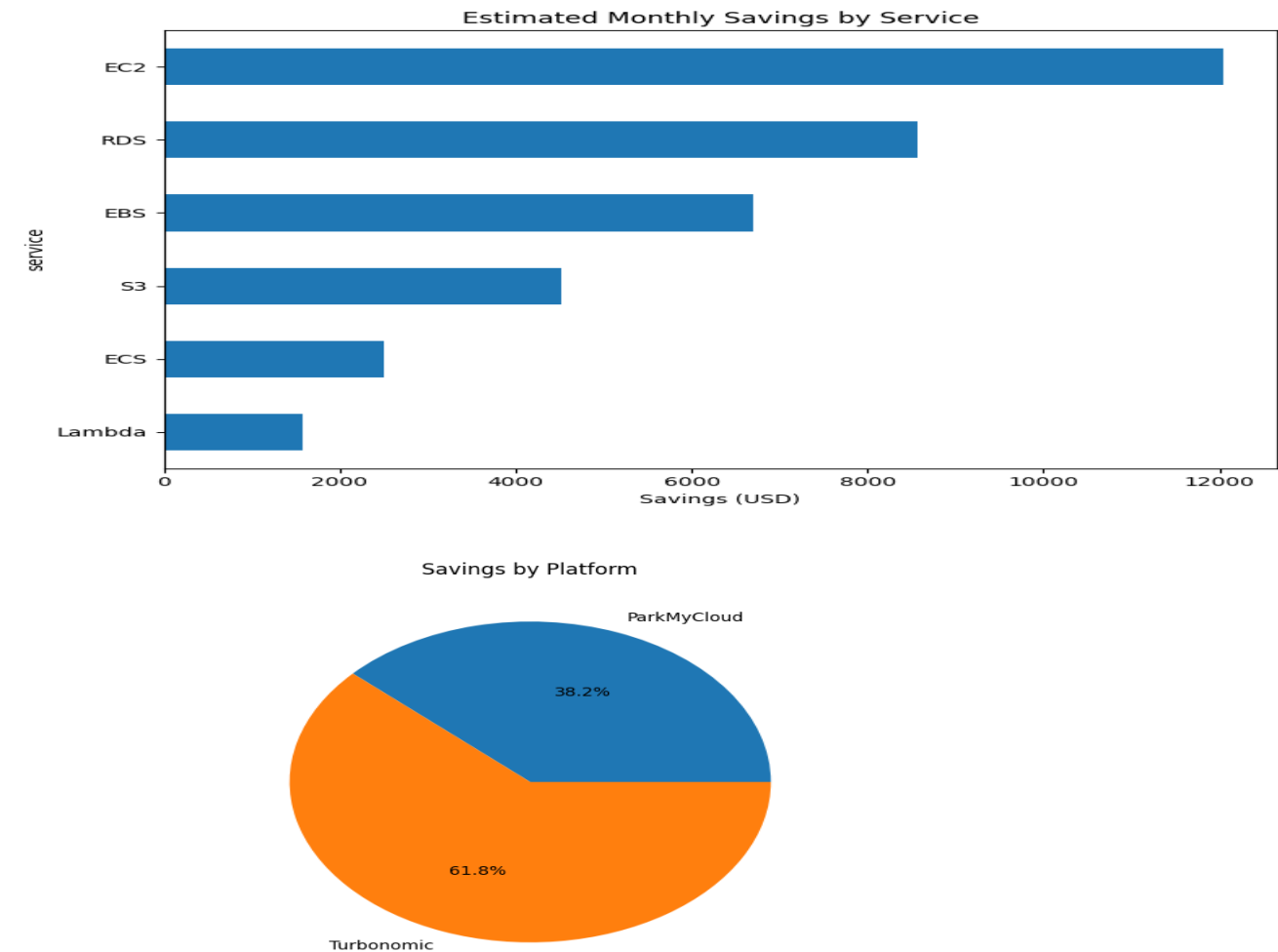
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Executive Summary & Recommendations

CloudSavr's AWS portfolio reveals a significant opportunity for cost optimization, with a potential monthly savings of \$287,185.93—representing a 20% reduction in overall spend.

- **EC2 & RDS Rightsizing and Reserved Instances:** By optimizing resource allocation and committing to Reserved Instances, we can secure \$38,658.25 in predictable monthly savings, ensuring more efficient and cost-effective cloud operations.
- **S3 Intelligent Tiering & Lifecycle Policies:** Implementing data lifecycle management through Intelligent Tiering will drive substantial cost reductions, yielding approximately \$39,765.88 in savings per month.
- **Automated Scheduling & Idle Resource Decommissioning:** By enabling start/stop automation and decommissioning underused EBS volumes, we can unlock \$28,718.59 in low-risk, easy-to-execute savings, reducing unnecessary cloud expenditure.
- **Redshift & DynamoDB Optimization:** Pausing underutilized Redshift clusters and optimizing DynamoDB capacity will contribute to a sustainable, long-term reduction in spend while enhancing operational efficiency across departments.

Estimated Monthly Savings: \$35,901.60



Detailed Recommendations

- [Turbonomic] EC2 in us-east-1 → Downsize instance → Save \$12050.50/mo (Risk: Low)
- [Turbonomic] RDS in us-west-2 → Enable Reserved Instances → Save \$8565.25/mo (Risk: Medium)
- [Turbonomic] Lambda in us-east-1 → Optimize memory allocation → Save \$1575.75/mo (Risk: Low)
- [ParkMyCloud] S3 in us-east-1 → Enable Intelligent Tiering → Save \$4510.10/mo (Risk: Low)
- [ParkMyCloud] EBS in us-west-1 → Delete unattached volumes → Save \$6700.00/mo (Risk: Medium)
- [ParkMyCloud] ECS in eu-central-1 → Reduce idle service tasks → Save \$2500.00/mo (Risk: Low)