📊 Analysis Summary:

💰 Total Cost Analysis:

Total AWS Spend: $578.79

Total Idle Cost: $190.21 (32.9% of total cost!)

Most Expensive Service: EC2 ($373.71)

Most Expensive Region: eu-central-1 ($202.71)

🔮 Forecast Insights:

Current Daily Average: $2.64

Forecasted Daily Average: $1.14

Projected Change: -56.6% decrease (significant cost reduction trend!)

📈 Key Findings:

1. Service Optimization Scores:

Lambda & S3: 100% idle cost (storage/serverless - expected)

RDS: 50% optimization potential

ECS: 27% idle cost

EC2: 16% idle cost (best performing compute service)

2. Regional Performance:

eu-central-1: Highest costs but similar efficiency

us-west-2: Most cost-efficient region

ap-south-1: Balanced cost and performance

3. Utilization Analysis:

EC2: Excellent average utilization (84%)

ECS: Good utilization (73%)

RDS: Moderate utilization (50%)

📁 Generated Assets:

📊 15 Visualizations Created:

Daily/Monthly cost trends

Service cost breakdowns

Regional comparisons

Utilization vs cost analysis

Forecasting charts

Optimization opportunity charts

📋 4 Data Summary Reports:

Service optimization summary

Regional performance analysis

Monthly cost trends

Top optimization recommendations

💡 Business Insights:

32.9% of costs are idle - significant optimization opportunity

EC2 instances are well-optimized (84% utilization)

RDS databases need attention (50% idle cost)

Cost trend is decreasing (-56.6% forecast)

Regional costs are balanced across all 3 regions