**EX NO 10**

**Aim**:

# To optimize AWS Resource Utilization- A Study Experiment

**Questions**

1.Explore and list the best practices for Resource Utilization

2.Know the capabilities of AWS Naive tools for Optimization

[Forecasting with Cost Explorer - AWS Cost Management (amazon.com)](https://docs.aws.amazon.com/cost-management/latest/userguide/ce-forecast.html)

AWS Cost Explorer

AWS Budgets

AWS Trusted Advisor

Amazon Cloud Watch

Cost and Usage Report

[AWS Cost Anomaly Detection](https://docs.aws.amazon.com/cost-management/latest/userguide/manage-ad.html)

3.Understand the below mentioned different pricing models for Amazon EC2

**On-Demand, Reserved, Spot, Dedicated, and Savings Plans.**

1. List the common mistakes that leads to higher AWS costs.

[Avoiding unexpected charges - AWS Billing (amazon.com)](https://docs.aws.amazon.com/awsaccountbilling/latest/aboutv2/checklistforunwantedcharges.html)

5.Understand Right sizing service that can lead to proper Resource Utilization

[Launch: Resource Optimization Recommendations | AWS Cloud Financial Management (amazon.com)](https://aws.amazon.com/blogs/aws-cloud-financial-management/launch-resource-optimization-recommendations/)

6.Explore atleast one IT Resource optimization from AWS Marketplace

[IT Resource Optimization | AWS Marketplace (amazon.com)](https://aws.amazon.com/marketplace/solutions/business-applications/it-resource-optimization)