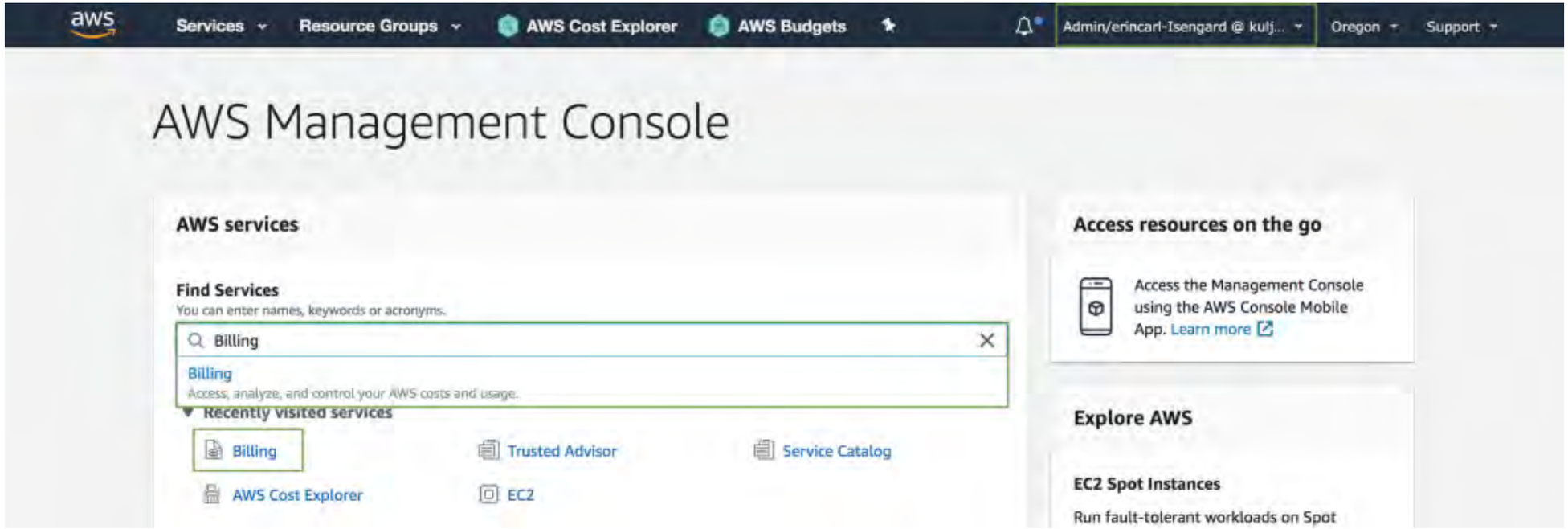
iamneo

Amazon Billing

Introduction to AWS Billing

- The AWS Billing console allows you to easily understand your AWS spending, view and pay invoices, manage billing preferences and tax settings, and access additional Cloud Financial Management services.
- Quickly evaluate whether your monthly spend is in line with prior periods, forecast, or budget, and investigate and take corrective actions in a timely manner.
- Managing your AWS costs and usage doesn’t have to be difficult.
- The AWS Billing Console is your one-stop-shop for accessing your billing, payments, and cost management information and capabilities.

Cost Management console



The Importance of Monitoring Costs

1

Costs can add up quickly

Without proper monitoring, the costs of AWS services can quickly add up, causing unexpected charges and putting a strain on your budget.

2

Resource allocation

Monitoring costs can also help you allocate resources more effectively, ensuring you're using your budget wisely.

3

Optimizing services

By identifying areas of high cost, you can make adjustments to optimize your AWS services and reduce waste.

AWS Account Setup and Billing Configuration

- **Creating an AWS account**

  We'll walk through the process of creating a new AWS account and setting up billing preferences.

- **Introduction to billing console**

  Learn how to navigate the AWS billing console and view detailed billing reports to help manage costs.

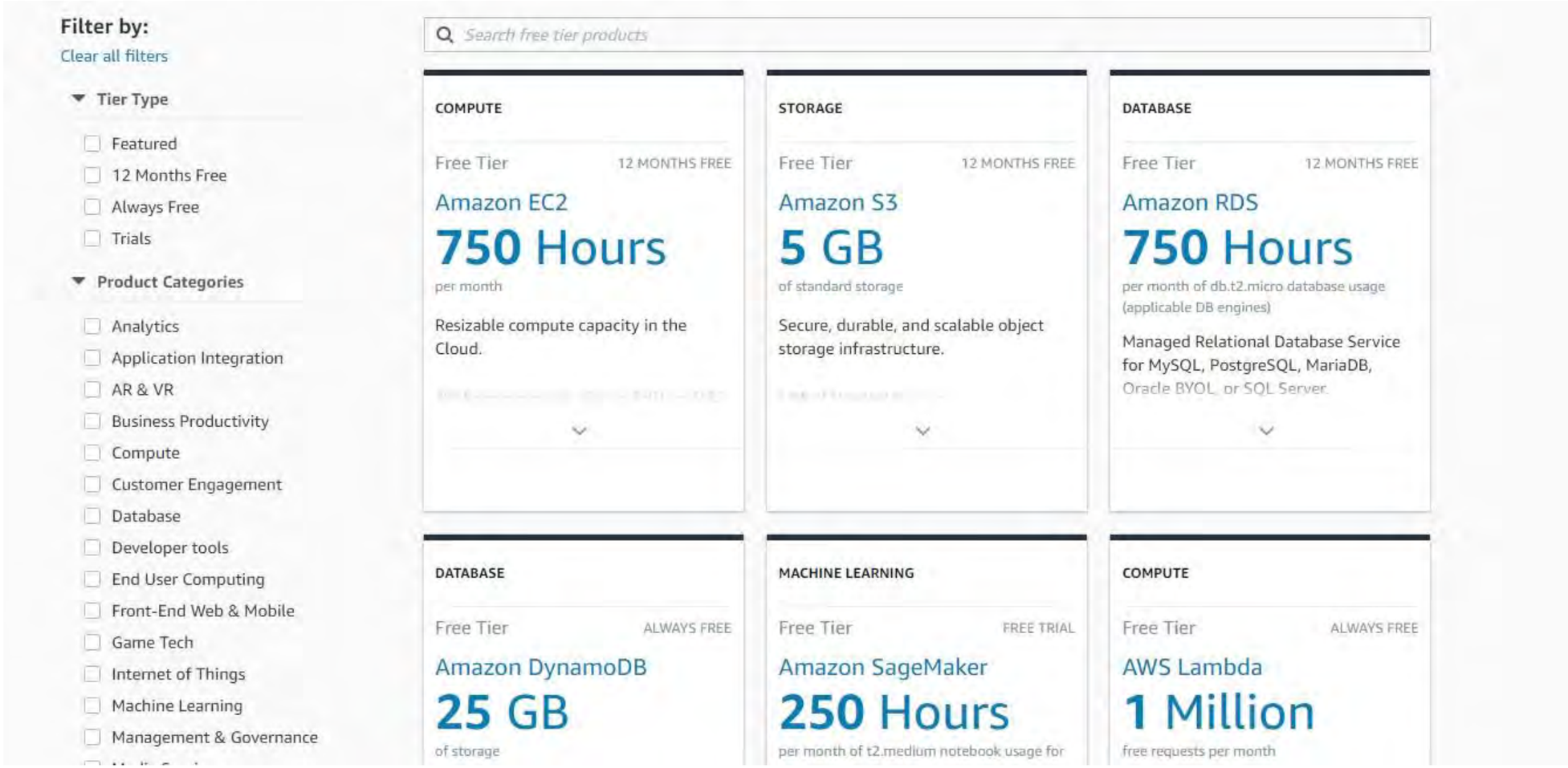
- **Configuring billing alerts and notifications**

  Setting up billing alerts and notifications can help you stay on top of your spending and avoid unexpected charges.

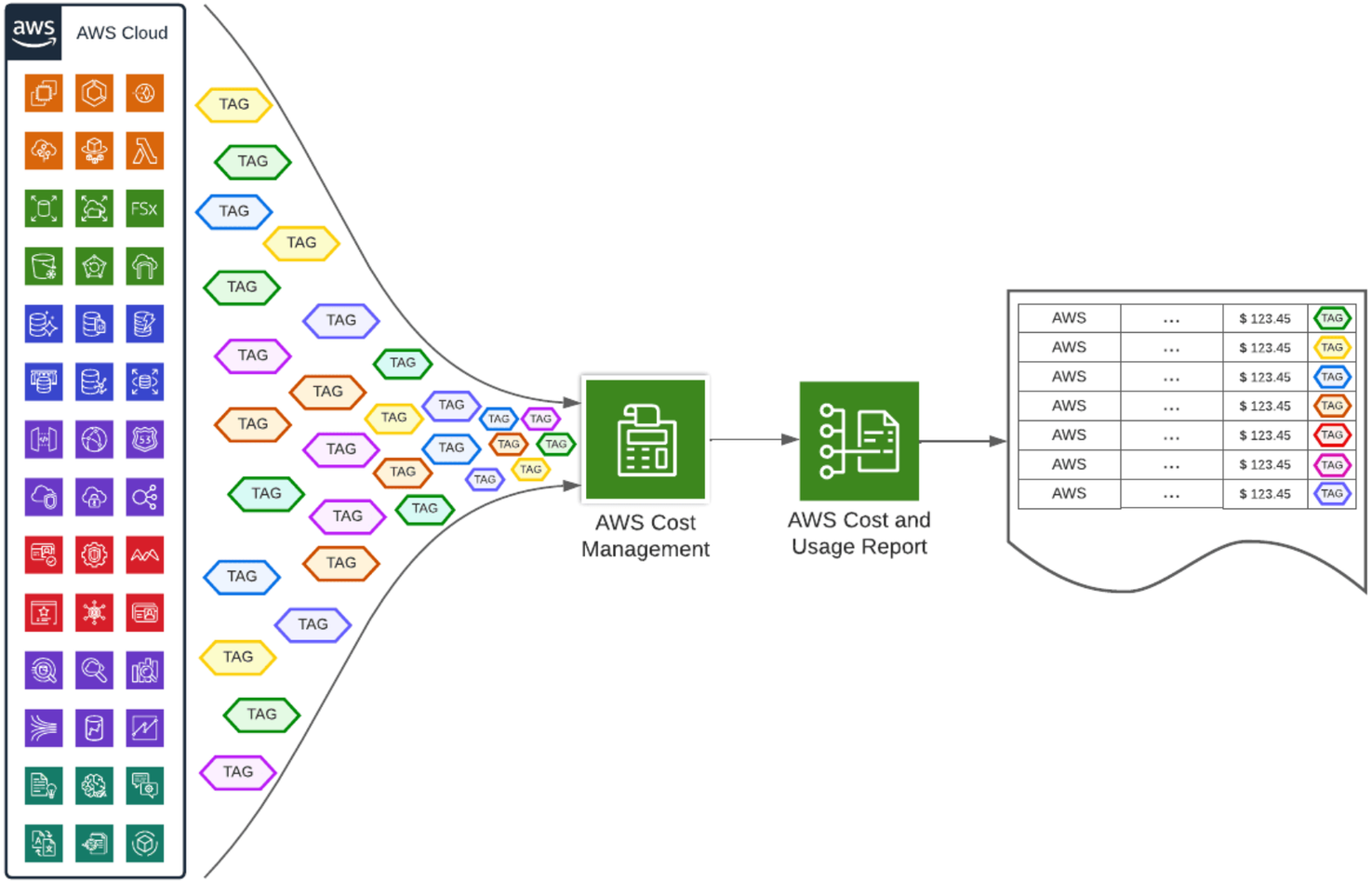
- **Understanding the AWS Free Tier and its limitations**

  We'll provide an overview of the AWS Free Tier, including its limitations and how to monitor usage to avoid unexpected fees.

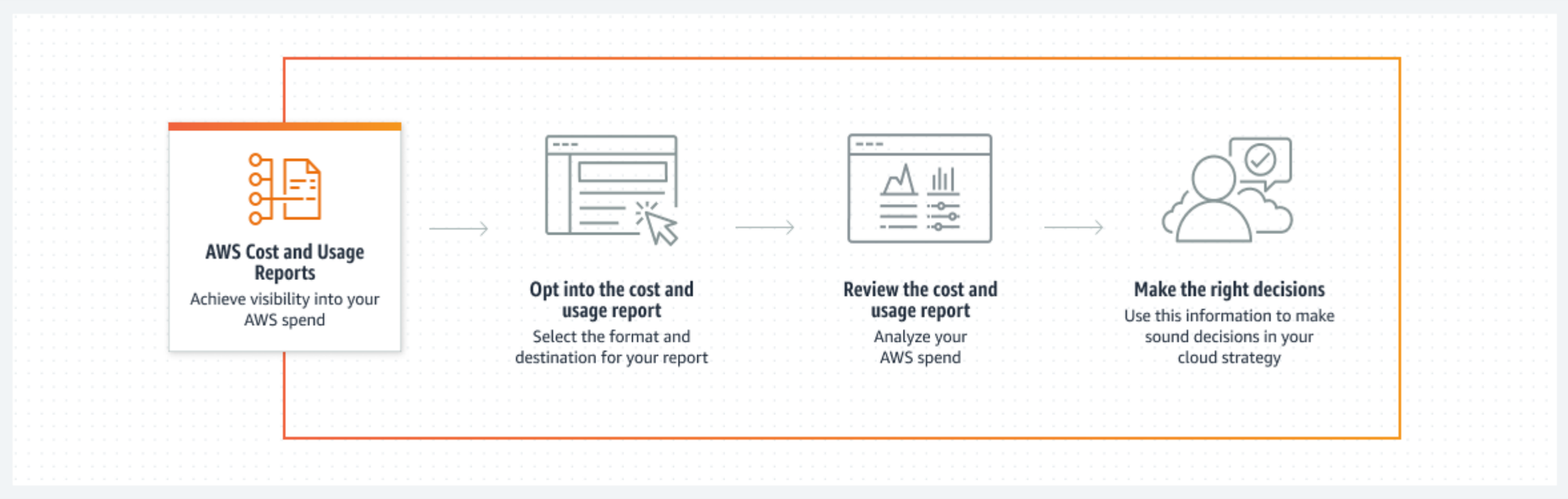
AWS Free Tier and its limitations



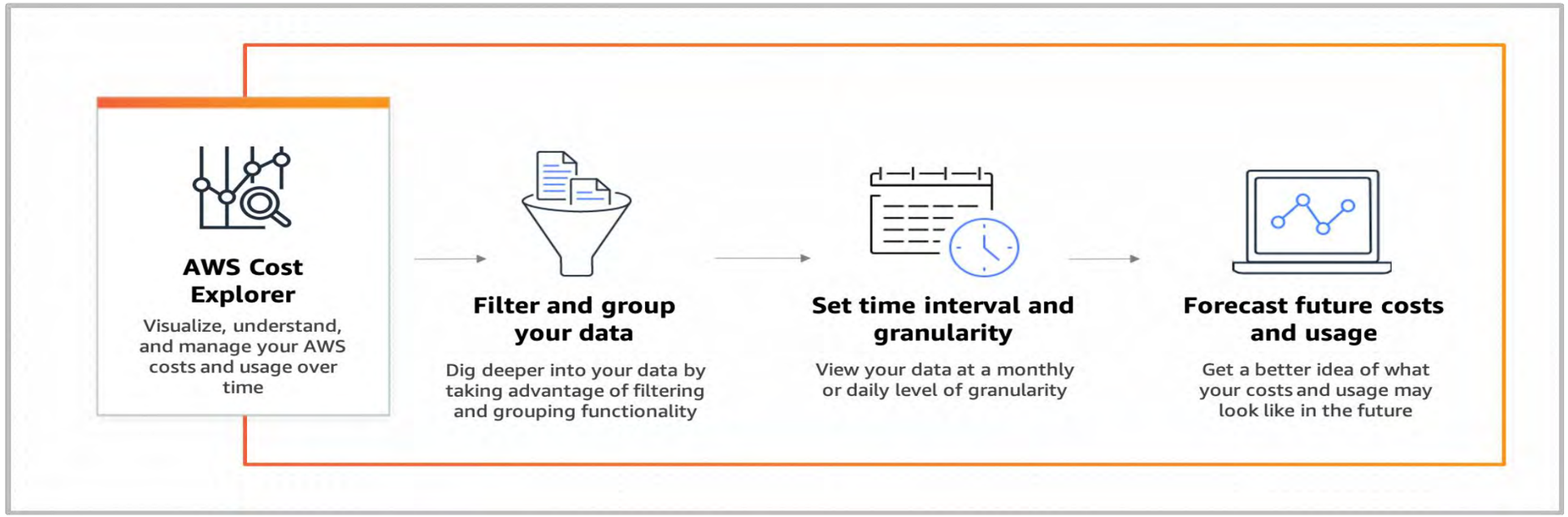
Cost Allocation Tags and Billing Reports



Cost and Usage Reports

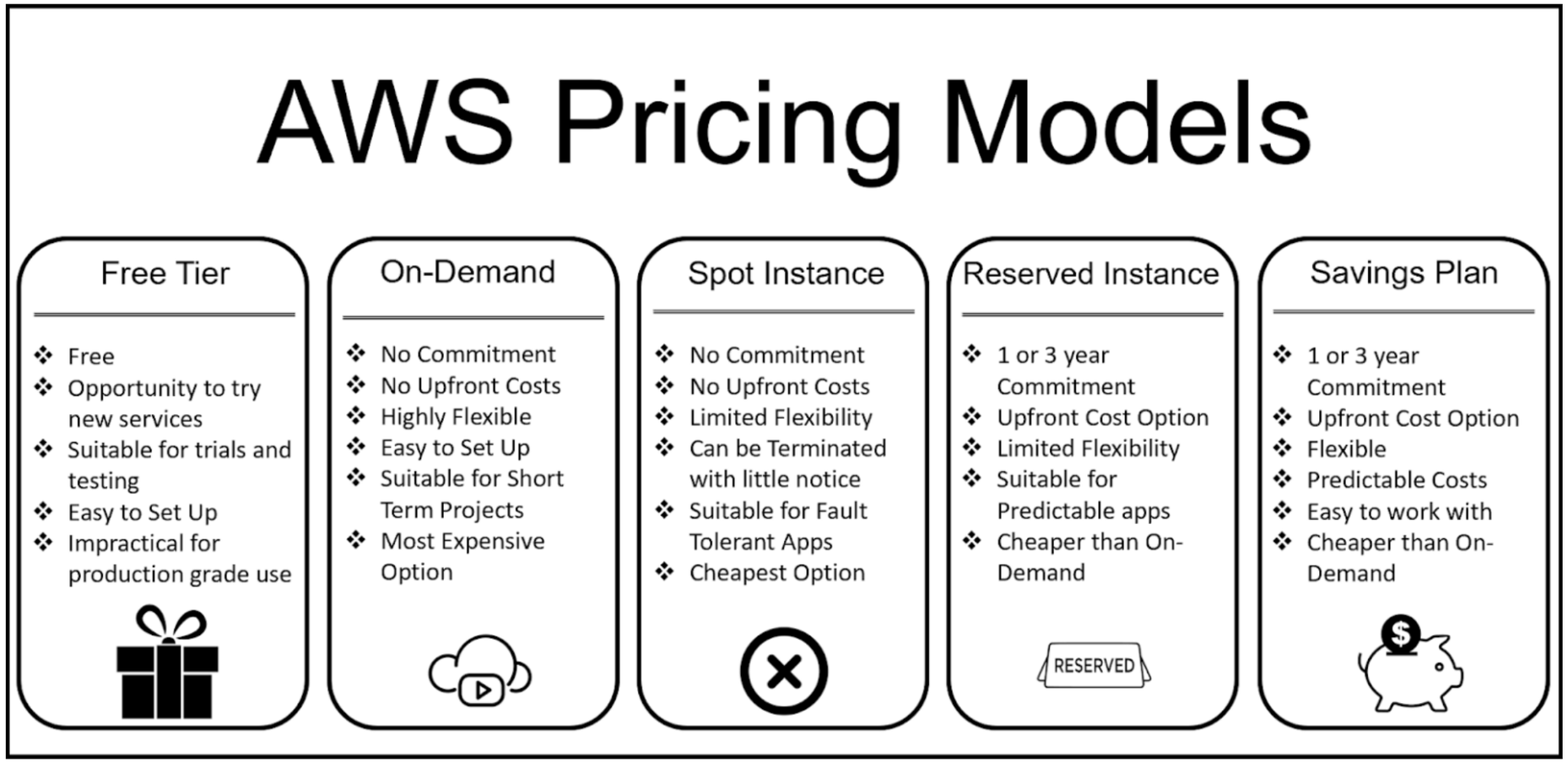


Cost visualization tools in the AWS



- AWS Cost Explorer has an easy-to-use interface that lets you visualize, understand, and manage your AWS costs and usage over time. Get started quickly by creating custom reports that analyze cost and usage data.
- Analyze your data at a high level or dive deeper into your cost and usage data to identify trends, pinpoint cost drivers, and detect anomalies.

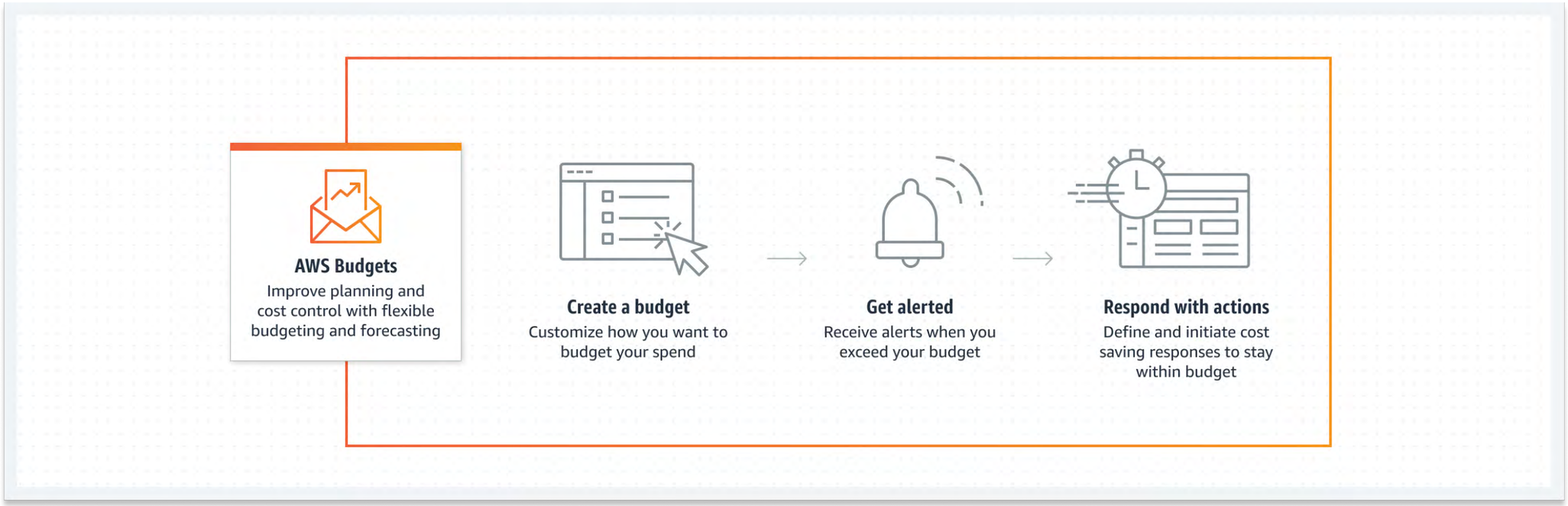
Pricing Models



AWS Pricing Calculator

- AWS Pricing Calculator is a web-based planning tool that you can use to create estimates for your AWS use cases.
- You can use it to model your solutions before building them, explore the AWS service price points, and review the calculations behind your estimates.
- You can use it to help you plan how you spend, find cost saving opportunities, and make informed decisions when using Amazon Web Services.

AWS Budgets



With AWS Budgets, set custom budgets to track your costs and usage, and respond quickly to alerts received from email or SNS notifications if you exceed your threshold.

AWS Budgets Use cases

- **Monitor costs and usage**

  Set your preferred budget period to daily, monthly, quarterly, or annually, and create specific budget limits.

- **Create scheduled reports**

  Stay informed on how actual or forecasted costs and usage progress toward your budget threshold.

- **Respond to thresholds**

  Set up custom actions to run automatically or through an approval process when a budget target is exceeded.