**Problem Statement**: Our organization relies on multiple cloud service providers to support various aspects of our operations, including AWS, Microsoft Azure, Google Cloud Platform (GCP), and potentially others. Each cloud provider has its billing system and dashboard, making it challenging to track and manage our overall cloud expenditure efficiently.

**Challenges:**

1. Not knowing how much we're spending on cloud services because we have different billing systems, which can lead to overspending.
2. Spending a lot of time manually collecting and double-checking data from these different billing systems, which is slow and can result in mistakes.
3. Having a hard time making smart decisions about where to spend money on cloud services because we don't have all the spending data in one place.
4. Struggling to follow rules and stick to budgets when using different cloud platforms without a single billing dashboard.
5. Wasting time and money because our current setup doesn't work well for dividing costs, predicting expenses, and managing overall cloud spending.

**Solution Requirement:** To address this issue, we need to develop or implement a single, integrated billing dashboard that consolidates billing data from all cloud providers. This dashboard should provide real-time insights, cost analysis, and reporting capabilities to enable better financial management of our multi-cloud environment.

**Proposed Architecture:**

**A diagram of a data processing process

Description automatically generated**

**Benefits:**

* Improved cost transparency and control.
* Streamlined cloud expense management.
* Enhanced decision-making and resource allocation.

**Project Scope:** This project aims to design, develop, or implement a unified multi-cloud billing dashboard. It should integrate with various cloud provider APIs, securely fetch billing data, and present it in an easy-to-understand format. The dashboard should also offer features such as cost forecasting, trend analysis, and cost allocation capabilities.

**Project Timeline and Resources:** The project timeline, required resources, and budget will be determined as part of the project planning phase.

**Stakeholders:**

* Cloud Administrators
* Finance Team
* IT Management

az consumption usage list --start-date 2023-10-01 --end-date 2023-10-30 --output json --scope /[Microsoft Azure Motivity](https://portal.azure.com/)/ae40c91c-eacc-4784-93d4-c3638fb6a810> > billing\_report.json