Azure Cost Dashboard SQL Queries

## 1. Total Cost Over Time per Service

SELECT   
 UsageDate,   
 ServiceName,   
 SUM(PreTaxCost) AS TotalCost  
FROM azure\_cost\_data  
GROUP BY UsageDate, ServiceName  
ORDER BY UsageDate;

## 2. Top Services by Total Cost

SELECT   
 ServiceName,   
 SUM(PreTaxCost) AS TotalCost  
FROM azure\_cost\_data  
GROUP BY ServiceName  
ORDER BY TotalCost DESC;

## 3. Cost by Resource Group

SELECT   
 ResourceGroup,   
 SUM(PreTaxCost) AS TotalCost  
FROM azure\_cost\_data  
GROUP BY ResourceGroup  
ORDER BY TotalCost DESC;

## 4. Daily Cost by Meter Category

SELECT   
 UsageDate,   
 MeterCategory,   
 SUM(PreTaxCost) AS TotalCost  
FROM azure\_cost\_data  
GROUP BY UsageDate, MeterCategory  
ORDER BY UsageDate;

## 5. Total Daily Cost

SELECT   
 UsageDate,   
 SUM(PreTaxCost) AS DailyTotalCost  
FROM azure\_cost\_data  
GROUP BY UsageDate  
ORDER BY UsageDate;

## 6. Cost by Service and Resource Group

SELECT   
 ServiceName,   
 ResourceGroup,   
 SUM(PreTaxCost) AS TotalCost  
FROM azure\_cost\_data  
GROUP BY ServiceName, ResourceGroup  
ORDER BY TotalCost DESC;

## 7. Cumulative Cost Over Time

SELECT   
 UsageDate,  
 SUM(SUM(PreTaxCost)) OVER (ORDER BY UsageDate ROWS BETWEEN UNBOUNDED PRECEDING AND CURRENT ROW) AS CumulativeCost  
FROM azure\_cost\_data  
GROUP BY UsageDate  
ORDER BY UsageDate;

## 8. Average Daily Cost by Service

SELECT   
 ServiceName,   
 AVG(DailyCost) AS AvgDailyCost  
FROM (  
 SELECT   
 ServiceName,   
 UsageDate,   
 SUM(PreTaxCost) AS DailyCost  
 FROM azure\_cost\_data  
 GROUP BY ServiceName, UsageDate  
)  
GROUP BY ServiceName  
ORDER BY AvgDailyCost DESC;

## 9. Cost Trend per Resource Group

SELECT   
 UsageDate,   
 ResourceGroup,   
 SUM(PreTaxCost) AS TotalCost  
FROM azure\_cost\_data  
GROUP BY UsageDate, ResourceGroup  
ORDER BY UsageDate;

## 10. Meter Category Contribution

SELECT   
 MeterCategory,   
 SUM(PreTaxCost) AS TotalCost  
FROM azure\_cost\_data  
GROUP BY MeterCategory  
ORDER BY TotalCost DESC;

## 11. Total Cost of All Services

SELECT   
 SUM(PreTaxCost) AS TotalCostAllServices  
FROM azure\_cost\_data;