

SQL-International-Debt-Statistics-Analysis

This repository houses an analysis of international debt data supplied by The World Bank. The dataset includes details about the indebtedness (in USD) of developing countries, classified under various indicators. The aim of this analysis is to delve into and address fundamental inquiries concerning international debt.

Total Debt Analysis:

1. How many distinct countries are there in the dataset?

```
SELECT COUNT(DISTINCT country_code) as Total_of_Countries
FROM PortfolioProject.dbo.international_debt
```

2. What is the total amount of debt owed by the countries listed in the dataset?

```
SELECT SUM(debt) as Total_Debt
FROM PortfolioProject.dbo.international_debt
```

Maximum Debt Holder:

3. Which country owns the maximum amount of debt, and what is the corresponding amount?

```
SELECT TOP 1 country_name, sum(debt) as Total_Debt
FROM PortfolioProject.dbo.international_debt
GROUP BY country_name
ORDER BY Total_Debt DESC
```

Average Debt Across Indicators:

4. What are the distinct debt indicators identified in the dataset?

```
SELECT DISTINCT indicator_code, indicator_name
FROM PortfolioProject.dbo.international_debt
```

5. What is the most frequently encountered debt indicator?

```
SELECT indicator_code, indicator_name
, COUNT(country_name) as num_country_by_indicator
FROM PortfolioProject.dbo.international_debt
GROUP BY indicator_code, indicator_name
ORDER BY num_country_by_indicator DESC
```

6. What is the average amount of debt owed by countries, categorized by different debt indicators?

```
SELECT indicator_code, indicator_name, AVG(debt) as Avg_debt_by_indicator
FROM PortfolioProject.dbo.international_debt
GROUP BY indicator_code, indicator_name
ORDER BY Avg_debt_by_indicator DESC
```

Repayments Analysis:

7. What is the highest number of principal repayments observed in the dataset?

```
SELECT TOP 1 country_name, indicator_name, debt
FROM PortfolioProject.dbo.international_debt
WHERE indicator_name LIKE '%principal repayment%'
ORDER BY debt DESC
```