**Analysis of International Debt Data**

In this Project, we are going to analyse international debt data collected by **The World Bank**. The dataset contains information about the amount of debt (in USD) owed by developing countries across several categories. We are going to find the answers to questions like:

* What is the total amount of debt that is owed by the countries listed in the dataset?
* Which country owns the maximum amount of debt and what does that amount look like?
* What is the average amount of debt owed by countries across different debt indicators?

**1. The World Bank's international debt data**

The first line of code connects us to the international\_debt database where the table international\_debt is residing. Let's first SELECT all of the columns from the international\_debt table. Also, we'll limit the output to the first ten rows to keep the output clean.

**SELECT \***

**FROM international\_debt**

**LIMIT 10;**

**O/P:**



**2. Finding the number of distinct countries**

**SELECT COUNT(DISTINCT country\_name) AS total\_distinct\_countries**

**FROM international\_debt;**

**O/P:**



## 3. Finding out the distinct debt indicators

**SELECT DISTINCT indicator\_code AS distinct\_debt\_indicators**

**FROM international\_debt**

**ORDER BY distinct\_debt\_indicators;**

**O/P:**



**4. Totalling the amount of debt owed by the countries.**

**SELECT ROUND(SUM(debt)/1000000, 2) AS total\_debt**

**FROM international\_debt;**

**O/P:**



## 5. Country with the highest debt.

**SELECT country\_name, SUM (debt) AS total\_debt**

**FROM international\_debt**

**GROUP BY country\_name**

**ORDER BY total\_debt DESC**

**LIMIT 1;**

**O/P:**



## 6. Average amount of debt across indicators

**SELECT indicator\_code AS debt\_indicator, indicator\_name, AVG (debt) AS average\_debt**

**FROM international\_debt**

**GROUP BY 1,2**

**ORDER BY 3 DESC**

**LIMIT 10;**

**O/P:**



## 7. The highest amount of principal repayments

**SELECT country\_name, indicator\_name**

**FROM international\_debt**

**WHERE debt= (SELECT MAX(debt)**

**FROM international\_debt**

**WHERE indicator\_code ='DT.AMT.DLXF.CD');**

**O/P:**



## 8. The most common debt indicator

**SELECT indicator\_code, COUNT (indicator\_code) AS indicator\_count**

**FROM international\_debt**

**GROUP BY indicator\_code**

**ORDER BY indicator\_count DESC, indicator\_code DESC**

**LIMIT 20;**

**O/P:**



## 9. Other viable debt issues and conclusion

**SELECT country\_name, indicator\_code, MAX (debt) AS maximum\_debt**

**FROM international\_debt**

**GROUP BY 1,2**

**ORDER BY 3 DESC**

**LIMIT 10;**

**O/P:**

