

Humans not only take debts to manage necessities. A country may also take debt to manage its economy. For example, infrastructure spending is one costly ingredient required for a country's citizens to lead comfortable lives. The World Bank is the organization that provides debt to countries.

In this project, you are going to analyze 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. You are going to find the answers to the following questions:

- What is the number of distinct countries present in the database?
- What country has the highest amount of debt?
- What country has the lowest amount of repayments?

Below is a description of the table you will be working with:

`international_debt` **table**

Column	Definition	Data Type
country_name	Name of the country	<code>varchar</code>
country_code	Code representing the country	<code>varchar</code>
indicator_name	Description of the debt indicator	<code>varchar</code>
indicator_code	Code representing the debt indicator	<code>varchar</code>
debt	Value of the debt indicator for the given country (in current US dollars)	<code>float</code>

You will execute SQL queries to answer three questions, as listed in the instructions.

 Projects Data DataFrame as `num_distinct_countries`

```
-- num_distinct_countries
SELECT COUNT(Distinct(public.international_debt.country_name)) AS total_distinct_countries
FROM public.international_debt;
```

▼	total_distinct_countries	▼	
0		124	
1 rows ↓			

 Projects Data DataFrame as highest_debt_country

```
-- highest_debt_country
SELECT country_name,SUM(debt) as total_debt
FROM public.international_debt
Group BY public.international_debt.country_name
ORDER BY 2 DESC
LIMIT 1;
```

▼	country_name	▼	total_debt	▼	
0	China		285793494734.2		
1 rows ↓					

 Projects Data DataFrame as lowest_principal_repayment

```
-- lowest_principal_repayment
SELECT country_name, indicator_name, SUM(debt) as lowest_repayment
FROM public.international_debt
WHERE public.international_debt.indicator_code = 'DT.AMT.DLXF.CD'
GROUP BY public.international_debt.country_name, indicator_name
ORDER BY 3 ASC
LIMIT 1;
```

▼	country_name	▼	indicator_name	▼	lowest_repayment	▼	
0	Timor-Leste		Principal repayments on external debt, long-term (AMT, current US\$)		825000		