

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	<div>varchar</div>
country_code	Code representing the country	<div>varchar</div>
indicator_name	Description of the debt indicator	<div>varchar</div>
indicator_code	Code representing the debt indicator	<div>varchar</div>
debt	Value of the debt indicator for the given country (in current US dollars)	<div>float</div>

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 country_name) AS total_distinct_countries
FROM international_debt;
```

index	...	↑↓	total_distinct_countries	...
		0		

Rows: 1

↓

 Projects Data

DataFrame as highest\_debt\_country

```
-- highest_debt_country
SELECT
    country_name,
    SUM(debt) AS total_debt
FROM international_debt
GROUP BY country_name
ORDER BY total_debt DESC
LIMIT 1;
```

index	...	↑↓	country_name	...	↑↓	total_debt	...
		0	China			28579349473	

Rows: 1

↓

 Projects Data

DataFrame as lowest\_principal\_repayment

```
-- lowest_principal_repayment
```

SELECT

```
country_name,  
indicator_name,  
MIN(debt) AS lowest_repayment  
FROM international_debt  
WHERE indicator_code = 'DT.AMT.DLXF.CD'  
GROUP BY country_name, indicator_name  
ORDER BY lowest_repayment ASC  
LIMIT 1;
```

i...	...	↑↓	country_na...	...	↑↓	indicator_name	...	↑↓	lowest_repayment	...
	0		Timor-Leste			Principal repayments on external debt, long-term (AMT, curre...			825	

Rows: 1 