



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

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

 Projects Data DataFrame as `df`

```
SELECT *
FROM international_debt
LIMIT 5;
```

i...	...	↑↓	country_name	...	↑↓	country_code	...	↑↓	indicator_name	...	↑↓	indicator_code	...	↑↓
0			Afghanistan			AFG			Disbursements on external debt, long-term (DIS, current US\$)			DT.DIS.DLXF.CD		
1			Afghanistan			AFG			Interest payments on external debt, long-term (INT, current US\$)			DT.INT.DLXF.CD		
2			Afghanistan			AFG			PPG, bilateral (AMT, current US\$)			DT.AMT.BLAT.CD		
3			Afghanistan			AFG			PPG, bilateral (DIS, current US\$)			DT.DIS.BLAT.CD		
4			Afghanistan			AFG			PPG, bilateral (INT, current US\$)			DT.INT.BLAT.CD		

Rows: 5

Projects Data DataFrame as df1

```
SELECT
  DISTINCT country_name AS total_distinct_countries
FROM international_debt
ORDER BY country_name;
```

index	...	↑↓	total_distinct_countries
		0	Afghanistan
		1	Albania
		2	Algeria
		3	Angola
		4	Armenia
		5	Azerbaijan
		6	Bangladesh
		7	Belarus
		8	Belize
		9	Benin
		10	Bhutan
		11	Bolivia
		12	Bosnia and Herzegovina
		13	Botswana
		14	Brazil
		15	Bulgaria
		16	Burkina Faso

Rows: 124

Projects Data DataFrame as nu

```
-- num_distinct_countries
-- Write your query here...
SELECT
  COUNT(DISTINCT country_name) AS total_distinct_countries
FROM international_debt;
```

index	...	↑↓	total_distinct_countries
		0	


Rows: 1

Projects Data DataFrame as h

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

...	↑↓	coun...	...	↑↓	total_de...	...	↑↓
	0	China			285793494734.2		

Rows: 1

 Projects Data

DataFrame as 1

```
-- lowest_principal_repayment
-- Write your query here...
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;
```

...	↑↓	coun...	...	↑↓	indicator_name	...	↑↓	lowest_repa...	...	↑↓	
	0	Timor-Leste			Principal repayments on external debt, long-t...			825000			

Rows: 1