



BACKSTORY

Ukraine, a nation with a complex history, has faced significant challenges since gaining independence from the Soviet Union. In recent years, the country has been confronted with a critical situation due to the ongoing conflict with Russia. This conflict has led to a pressing need for international aid to address the humanitarian crisis, rebuild infrastructure, and support the Ukrainian people in their pursuit of stability and recovery. Using **SQL**, I uncover the details of how the World Bank's International Development Association (IDA) is supporting Ukraine in this difficult time.

THE DATA

The dataset was downloaded from the World Bank's website. You can access the dataset here: [World Bank Group Finances - Updated July 10, 2023](#)

KEY QUESTIONS

1. How much money in U.S. Dollars have the IDA extended money to Ukraine?
2. What is the project called that IDA extended money for?
3. What is the number of loans extended to Ukraine for the PEACE in Ukraine Project?
4. What is the average amount of the loans?
5. How much of the money the IDA has extended money to Ukraine has been paid back?
6. What is the amount of IDA extended money to Ukraine that has been canceled?
7. What percentage of money loaned by the IDA did Ukraine receive?

KEY INSIGHTS

1. **How much money in U.S. Dollars have the IDA extended money to Ukraine?**
- \$13,000,000,000 USD
2. **What is the project called that IDA extended money for?**
- PEACE in Ukraine Project
3. **What is the number of loans extended to Ukraine for the PEACE in Ukraine Project?**
- 13
4. **What is the average amount of the loans?**
- \$1,000,000,000
5. **How much of the money the IDA has extended money to Ukraine has been paid back?**
- \$0
6. **What is the amount of IDA extended money to Ukraine that has been canceled?**
- \$0
7. **What percentage of money loaned by the IDA did Ukraine receive?**
- .0248% (0.0002480926048015803)

SQL ANALYSIS

SQL is the tool of choice among data analysts when working with large datasets. In the case of this dataset, there were **1,190,775 rows** of data. As a best practice, I chose to include a note that describes the query. This allows other analysts to follow along more easily. My first query was finding all the data from Ukraine:

```
-- Return all transactions from Ukraine
SELECT *
FROM "Banking_data_723"
WHERE "Country" = 'Ukraine'
```

This was helpful to understand the projects being loaned to, the amount and dates of transactions that occurred. It was found that there was only one project in Ukraine: "PEACE in Ukraine Project." Next, I sought to find **"How much money in U.S. Dollars have the IDA extended money to Ukraine?"** is to find the total amount that Ukraine has been loaned.

```
-- How much money in U.S. Dollars have the IDA extended money to Ukraine?
SELECT SUM("Original Principal Amount (US$)")
FROM "Banking_data_723"
WHERE "Country" = 'Ukraine';
```

It returned that Ukraine has been loaned **\$13,000,000,000 USD**. This prompted my question about how many instances of loans were there to amount to this number? In other words, **"What is the number of loans extended to Ukraine for the PEACE in Ukraine Project?"**

```
-- What is the number of loans extended to Haiti for the PEACE in Ukraine Project?  
SELECT COUNT("Project Name" = 'PEACE in Ukraine Project')  
FROM "Banking_data_723"  
WHERE "Country" = 'Ukraine'
```

To find this I used COUNT. Result: **13 Loans**. Next, I wanted to know what the **average loan amount** was. I queried:

```
-- What is the average amount of the loans?  
SELECT AVG("Original Principal Amount (USD)") FROM "Banking_data_723" WHERE "Country" =  
'Ukraine';
```

The average loan amount is **\$1,000,000,000**. My next question was **“How much of the money the IDA has extended money to Ukraine has been paid back?”**

```
-- How much of the money the IDA has extended money to Ukraine has been paid back?  
SELECT SUM("Repaid to IDA (US$)") FROM "Banking_data_723" WHERE "Country" =  
'Ukraine';
```

The query returned that **\$0** has been paid back. This is likely because this is a current event, but **has the IDA cancelled any of this amount?**

```
-- How much of the money the IDA has extended money to Ukraine has been paid back?  
SELECT SUM("Cancelled Amount (US$)")  
FROM "Banking_data_723"  
WHERE "Country" = 'Ukraine'
```

The return is that **\$0** of the loan amount has been cancelled by the IDA.

CONCLUSIONS

Lastly, I was curious to know **"What percentage of money loaned by the IDA did Ukraine receive?"**

```
-- What percentage of the total loaned did Ukraine receive?  
SELECT  
(SELECT SUM("Original Principal Amount (US$)") FROM "Banking_data_723" WHERE "Country" = 'Ukraine') /  
(SELECT SUM("Original Principal Amount (US$)") FROM "Banking_data_723") AS division_result;
```

Result: **.0248%** (0.0002480926048015803). I found it interesting that even though The PEACE in Ukraine Project has major relevance, it did not account for even half a percent of the World Bank's lending.

Thank you for reading my SQL Analysis of the World Bank's lending to The PEACE in Ukraine Project. I would love to hear your thoughts!

Please let me know if you have any question about this dataset or analysis. I would love to discuss. [Contact me here.](#)

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