

- Top 5 countries with the highest Gross Domestic Product (GDP) in the most recent year available in the dataset.

```
select Country, `Gross Domestic Product (GDP)` from
`global economy indicator`
where year =
(select max(year) from global economy indicator`)
order by
`Gross Domestic Product (GDP)` desc
Limit 5;
```

	Country	Gross Domestic Product (GDP)
▶	Ethiopia	\$99.27B
	Dominican Republic	\$94.24B
	Kosovo	\$9.41B
	Oman	\$88.19B
	Guatemala	\$85.99B

- Top 3 countries with the highest Exports of Goods and Services for each year.

```
WITH ranked_exports AS (
    SELECT country, year, `Exports of goods and services`,
           RANK() OVER (PARTITION BY year ORDER BY `Exports of goods and services` DESC)
    AS ranking
    FROM
    `global economy indicator`
)
SELECT country, year, `Exports of goods and services`, ranking
FROM ranked_exports
WHERE ranking <= 3;
```

	country	year	Exports of goods and services	ranking
	Iraq	2019	\$964.90M	3
	Finland	2020	\$976.74M	1
	Kenya	2020	\$97.04M	2
	South Africa	2020	\$931.84M	3
	Bosnia and H...	2021	\$99.69M	1
	Gabon	2021	\$98.62M	2
	Iceland	2021	\$97.79M	3

- Total exports of goods and services for each country in the year 2020 and identify which country had the highest exports.

```
SELECT country, `Exports of goods and services`
FROM
`global economy indicator`
WHERE year = 2020
ORDER BY
`Exports of goods and services` DESC
LIMIT 1;
```

	country	Exports of goods and services
▶	Finland	\$976.74M

- Country with the largest percentage increase in Population between the first and the last year available in the dataset.

```
WITH population_data AS (
  SELECT
    country,
    MIN (year) AS first_year,
    MAX (year) AS last_year,
    MIN (CASE WHEN year = (SELECT MIN (year) FROM `global economy indicator`)
    THEN population END) AS initial_population,
```

```

        MAX (CASE WHEN year = (SELECT MAX (year) FROM `global economy indicator`)
        THEN population END) AS final_population
        FROM `global economy indicator`
        GROUP BY country
    ),
    population_growth AS (
        SELECT
            country,
            initial_population,
            final_population,
            ((final_population - initial_population) / initial_population) * 100 AS
            population_growth_percentage
        FROM
            population_data
    )
    SELECT
        country,
        population_growth_percentage
    FROM
        population_growth
    ORDER BY
        population_growth_percentage DESC
    LIMIT 1;

```

	country	population_growth_percentage
▶	Samoa	6052.941176470587

### ➤ GDP Trend of INDIA Over the Years

```

SELECT Year, `Gross Domestic Product (GDP)`, country
FROM
    `global economy indicator`
WHERE
    Country = 'India '
ORDER BY
    Year;

```

	Year	Gross Domestic Product (GDP)	country
▶	1970	\$62.42B	India
	1971	\$66.90B	India
	1972	\$72.74B	India
	1973	\$86.85B	India
	1974	\$97.98B	India
	1975	\$102.00B	India
	1976	\$102.00B	India
	1977	\$119.00B	India
	1978	\$138.00B	India
	1979	\$152.00B	India
	1980	\$187.00B	India

➤ Growth of Final Consumption Expenditure of INDIA in Year 2021

```

SELECT Year, `Final consumption expenditure`, country
FROM
`global economy indicator`
WHERE
Country = 'India ' AND year=2021
ORDER BY Year;

```

	Year	Final consumption expenditure	country
▶	2021	\$2260.00B	India

➤ Countries with Highest and Lowest Per Capita GNI for Each Year

```

WITH RankedCountries AS (
SELECT
Year,
Country,
`Per capita GNI`,

```

```

        ROW_NUMBER () OVER (PARTITION BY Year ORDER BY `Per capita GNI` DESC) AS
Rank_Desc,
        ROW_NUMBER () OVER (PARTITION BY Year ORDER BY `Per capita GNI` ASC) AS
Rank_Asc
    FROM
`global economy indicator`
)
SELECT
    Year,
    Country,
    `Per capita GNI`,
    CASE
        WHEN Rank_Desc = 1 THEN 'Highest'
        WHEN Rank_Asc = 1 THEN 'Lowest'
        ELSE 'Other'
    END AS GNI_Rank
FROM
RankedCountries
WHERE
Rank_Desc = 1 OR Rank_Asc = 1;

```

	Year	Country	Per capita GNI	GNI_Rank
►	1970	Lao People's DR	\$0.0K	Lowest
	1970	Bermuda	\$5.4K	Highest
	1971	Lao People's DR	\$0.0K	Lowest
	1971	Bermuda	\$6.1K	Highest
	1972	Afghanistan	\$0.1K	Lowest
	1972	Liechtenstein	\$6.9K	Highest
	1973	Bangladesh	\$0.1K	Lowest
	1973	Liechtenstein	\$9.1K	Highest
	1974	Burundi	\$0.1K	Lowest
	1974	Switzerland	\$9.3K	Highest
	1975	Equatorial Guinea	\$0.1K	Lowest

### ➤ Average Final Consumption Expenditure by Currency

```

SELECT Currency, AVG (`Final consumption expenditure`) AS
Average_Consumption_Expenditure

```

FROM

`global economy indicator`

GROUP BY

Currency;

	Currency	Average_Consumption_Expenditure
►	Afghani	0
	Lek	0
	Algerian Dinar	0
	Euro	0
	Kwanza	0
	East Caribbean Dollar	0
	Azerbaijani Manat	0
	Argentine Peso	0
	Australian Dollar	0
	Bahamian Dollar	0
	Bahraini Dinar	0
	Taka	0

➤ Change in GDP and GNI in USD of INDIA Over Time

SELECT

Year,

`Gross Domestic Product (GDP)`,

`Gross National Income(GNI) in USD`,

LAG(`Gross Domestic Product (GDP)`, 1) OVER (PARTITION BY Country ORDER BY Year) AS Previous\_GDP,

LAG(`Gross National Income(GNI) in USD`, 1) OVER (PARTITION BY Country ORDER BY Year) AS Previous\_GNI,

`Gross Domestic Product (GDP)` - LAG(`Gross Domestic Product (GDP)`, 1) OVER (PARTITION BY Country ORDER BY Year) AS GDP\_Change,

`Gross National Income(GNI) in USD` - LAG(`Gross National Income(GNI) in USD`, 1) OVER (PARTITION BY Country ORDER BY Year) AS GNI\_Change

FROM

`global economy indicator`

WHERE

Country = 'India '

ORDER BY Year;

	Year	Gross Domestic Product (GDP)	Gross National Income(GNI) in USD	Previous_GDP	Previous_GNI	GDP_Change	GNI_Change
	1971	\$66.90B	\$66.51B	\$62.42B	\$62.04B	0	0
	1972	\$72.74B	\$72.35B	\$66.90B	\$66.51B	0	0
	1973	\$86.85B	\$86.43B	\$72.74B	\$72.35B	0	0
	1974	\$97.98B	\$97.62B	\$86.85B	\$86.43B	0	0
	1975	\$102.00B	\$101.00B	\$97.98B	\$97.62B	0	0
	1976	\$102.00B	\$102.00B	\$102.00B	\$101.00B	0	0
	1977	\$119.00B	\$119.00B	\$102.00B	\$102.00B	0	0
	1978	\$138.00B	\$137.00B	\$119.00B	\$119.00B	0	0
	1979	\$152.00B	\$152.00B	\$138.00B	\$137.00B	0	0
	1980	\$187.00B	\$187.00B	\$152.00B	\$152.00B	0	0
	1981	\$200.00B	\$200.00B	\$187.00B	\$187.00B	0	0
	1982	\$204.00B	\$204.00B	\$200.00B	\$200.00B	0	0
	1983	\$223.00B	\$222.00B	\$204.00B	\$204.00B	0	0
	1984	\$222.00B	\$221.00B	\$223.00B	\$222.00B	0	0
	1985	\$230.00B	\$229.00B	\$222.00B	\$221.00B	0	0
	1986	\$233.00B	\$232.00B	\$230.00B	\$229.00B	0	0