TRENDS IN EDUCATION EQUITY: ACCESS TO RESOURCES AND OUTCOMES

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Introduction to Education Equity:

- Definition: Education equity refers to the fairness in access to educational resources, opportunities, and outcomes.
- Goal: To ensure all students have equal opportunities to succeed regardless of socioeconomic background, gender, or geography.
- Importance: Understanding trends in resource allocation and outcomes helps policymakers address gaps and create a more equitable system.

Data Sources & Visualization:

- Data Sources: Collected from 195 countries over 6 decades (1971-2024).
- Education-related indicators: Attendance rates, funding, and student outcomes, sexes(males and females), mode of education(primary or secondary)
- Visualization Methods: Bar charts, maps, tree maps, pie charts, and matrix charts using Power BI.

Global Trends in Education Resources (1971–2024):

- Key Data Trends:

- Countries like China, India, the United States, and Indonesia show significant educational investments.

- Data tracked from years such as 1971, 1974, 1982, 1988, and 2011.

- Chart Type:

- Line or bar graph showcasing funding over time.

Comparative Analysis of Countries:

- Countries Analyzed: China, India, Brazil, Russian Federation, Japan.
- Indicators: Educational attendance, financial investment in education.
- Findings: China shows sharp increases in educational investments, while other countries exhibit disparities in rural vs. urban access.

Outcomes Based on Educational Investments:

- Impact of increased funding on attendance and literacy rates.
- Disparities in outcomes based on gender and region (e.g., rural vs. urban).
- Predictions for 2024 based on past trends.

Geographic Disparities in Education Access:

- Regional differences in access to education.
- Sub-Saharan Africa: Continued challenges.
- East Asia & Pacific: Large improvements in educational funding.

Tools Used in Analysis:

- Power BI: Used for tracking trends in education equity.
- Tree maps, funnel charts, and matrix views used to analyze data.
- Map data: Visualized geographic disparities in educational access.

Future Predictions and Goals:

- Predictions for 2024:

- Continued increase in educational funding in developing countries.

- Gender parity and rural-urban gaps expected to narrow.

- Goal: Bridge the gaps in educational resources and outcomes.

Conclusion:

- Education equity trends show improvements, but disparities remain.
- Effective policy-making requires understanding resource allocation and its outcomes.
- Call to Action: Focus on equitable distribution of educational resources.

Trends in Education Equity: Resources and Outcomes

Ask a question about your data

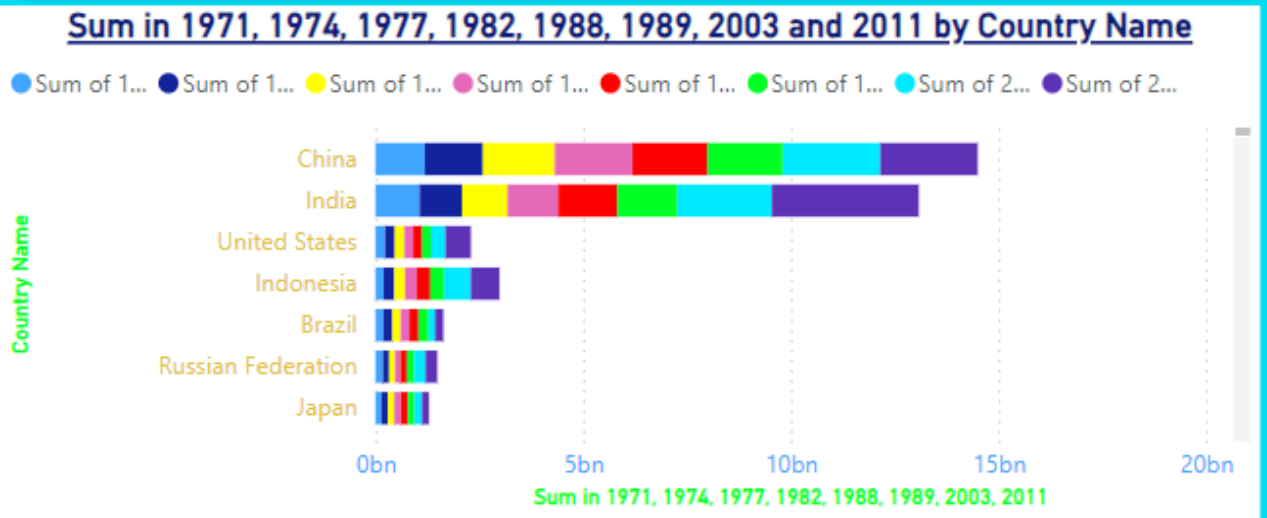
Try one of these to get started

maximum 1989 | average 1980 | sort sheet 1 by 2012

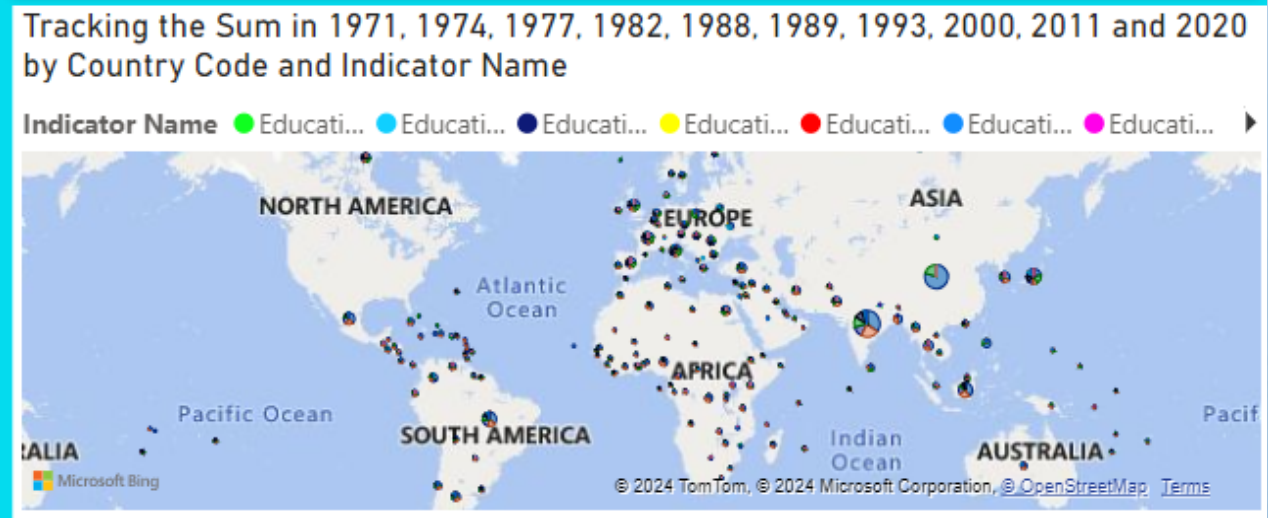
Show all suggestions

Country Name	Country Code	Indicator Name	Indicator Code	Sum of 1971	Sum of 1974	Sum
	RWA		SE.PRM.ATTD			
	RWA		SE.PRM.ATTD.1			
	RWA		SE.PRM.ATTD.1.F			
	RWA		SE.PRM.ATTD.1.M			
	RWA		SE.PRM.ATTD.1.R			
	RWA		SE.PRM.ATTD.1.U			
	RWA		SE.PRM.BFIN			
	RWA		SE.PRM.BFIN.1			
Total				**5804927292**	**6202184416**	**681**

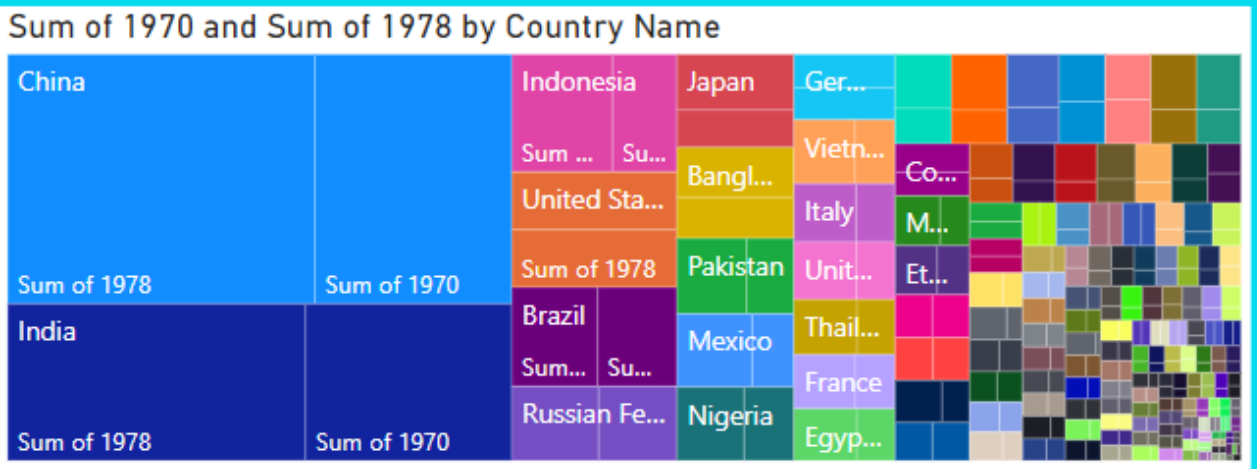
Analysis of Resources and Outcomes using Bar Chart



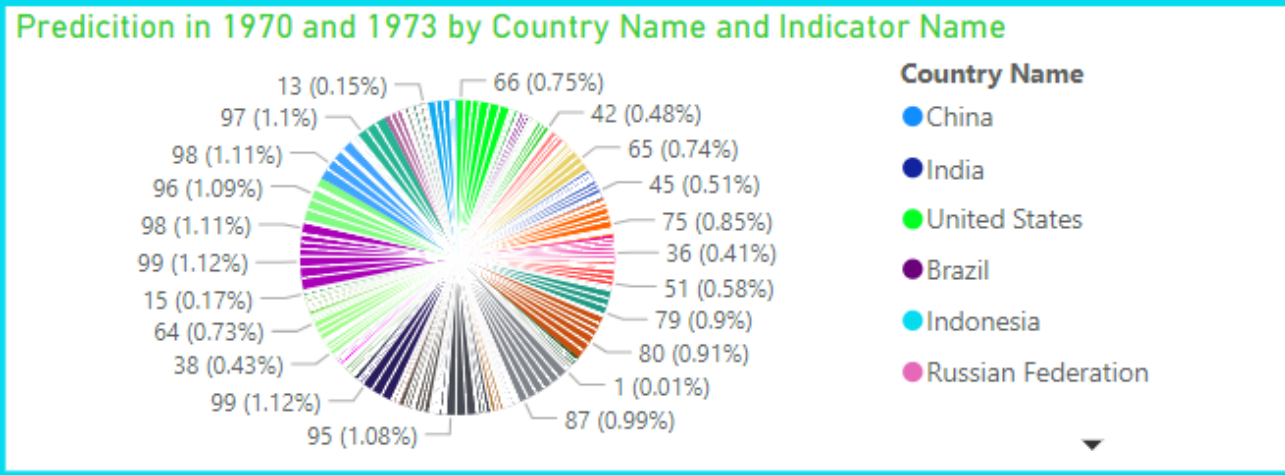
Analysis of Resources and Outcomes using Map



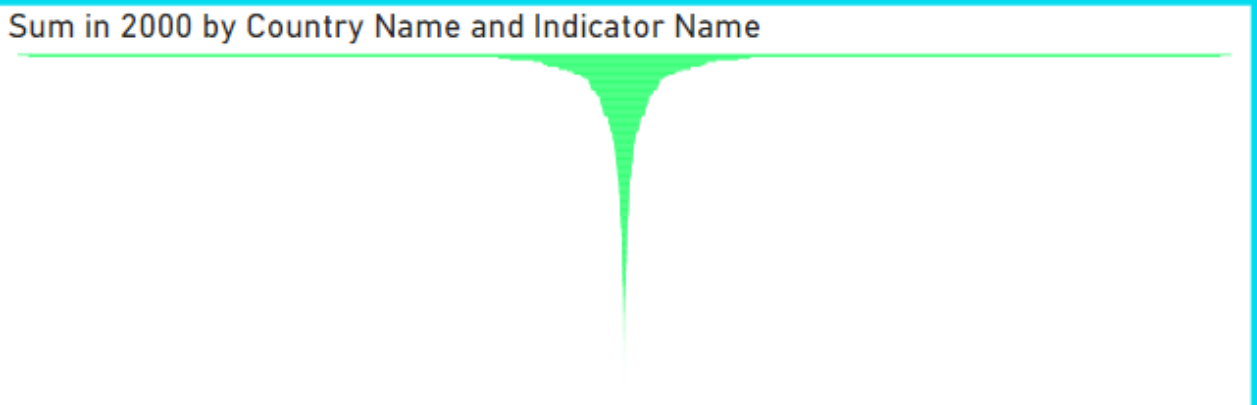
Analysis of Resources and Outcomes using Tree Map



Analysis of Resources and Outcomes using Pie Chart



Analysis of Resources and Outcomes using Funnel

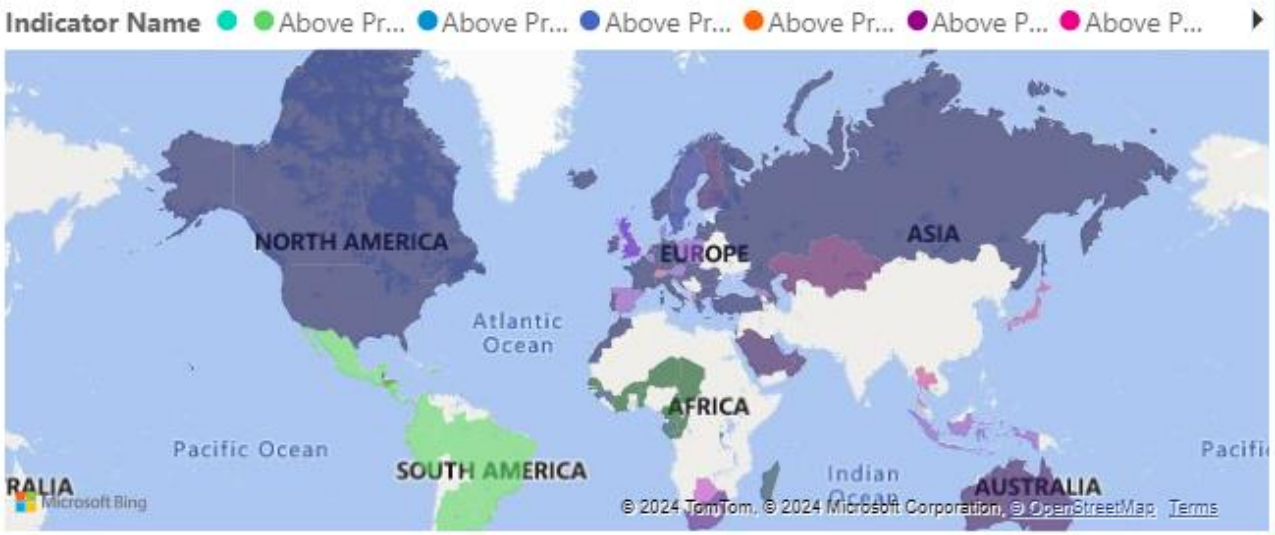


Analysis of Resources and Outcomes using Matrix

Country Name	ABW	AFG	AGO	ALB	AND	ARE	ARG	ARM
Afghanistan		0						
Albania				3010366				
Algeria								
American Samoa								
Andorra					72076			
Angola			69424664					
Total	**111387**	**0**	**69424664**	**3010366**	**72076**	**8903341**	**74191757**	**348**

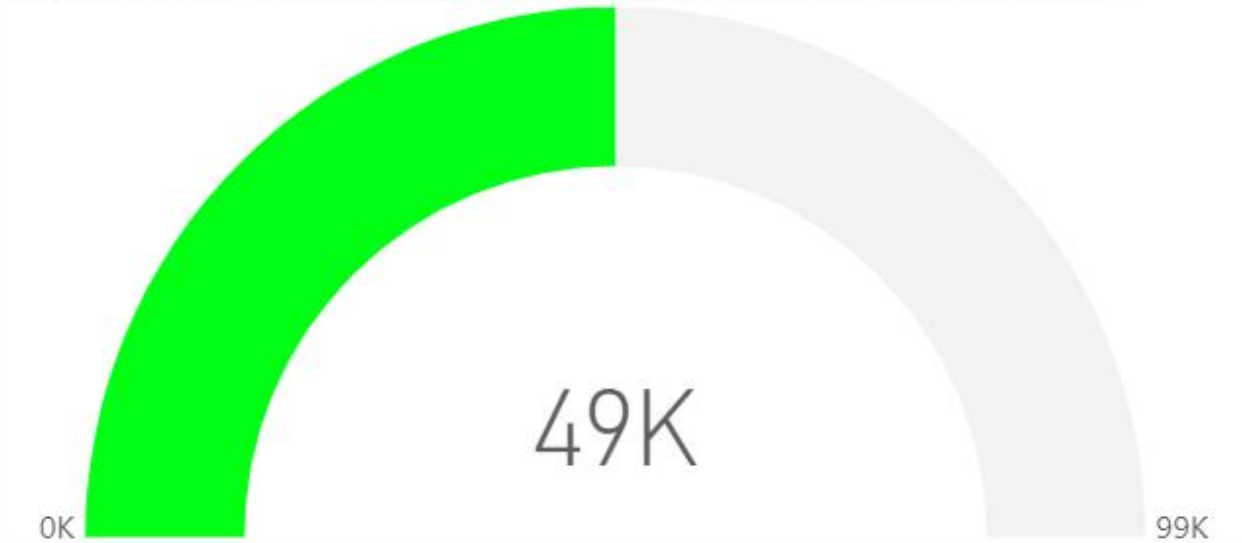
Analysis of Resources and Outcomes in Filled Map

Filling up the Country Name using Indicator Name



Analysis of Resources and Outcomes in Gauge

Target the value in 2024 using One Country Name and One Indicator Name



Paginated Report

Country Name, Indicator Name, 2024

- Afghanistan
- Albania
- Algeria
- American Samoa
- Andorra
- Angola
- Antigua and Barbuda
- Argentina

THANK YOU