



Data Analysis and Visualization Concepts



Brock Tubre

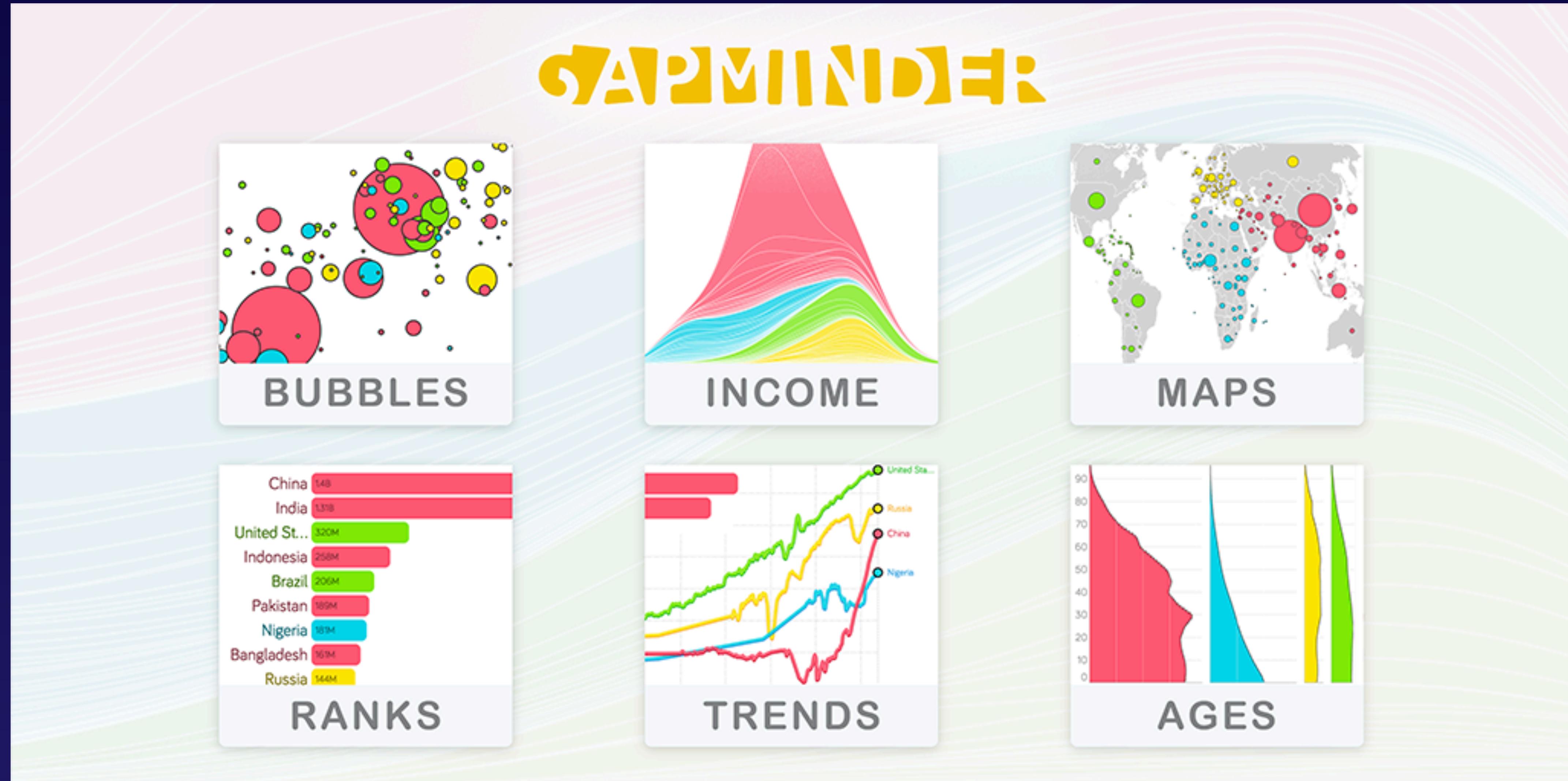
INSTRUCTOR



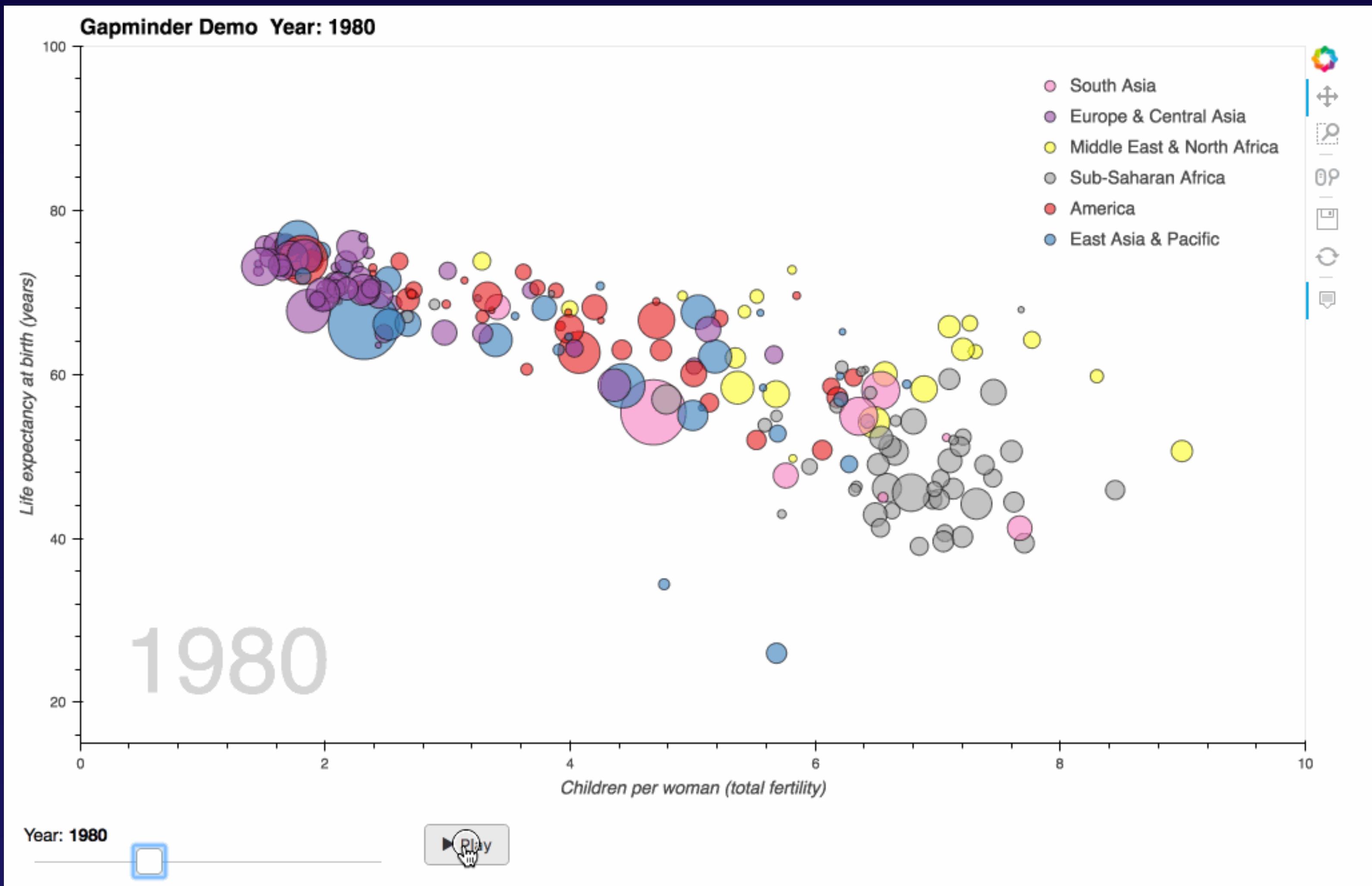
Hans Rosling, PhD

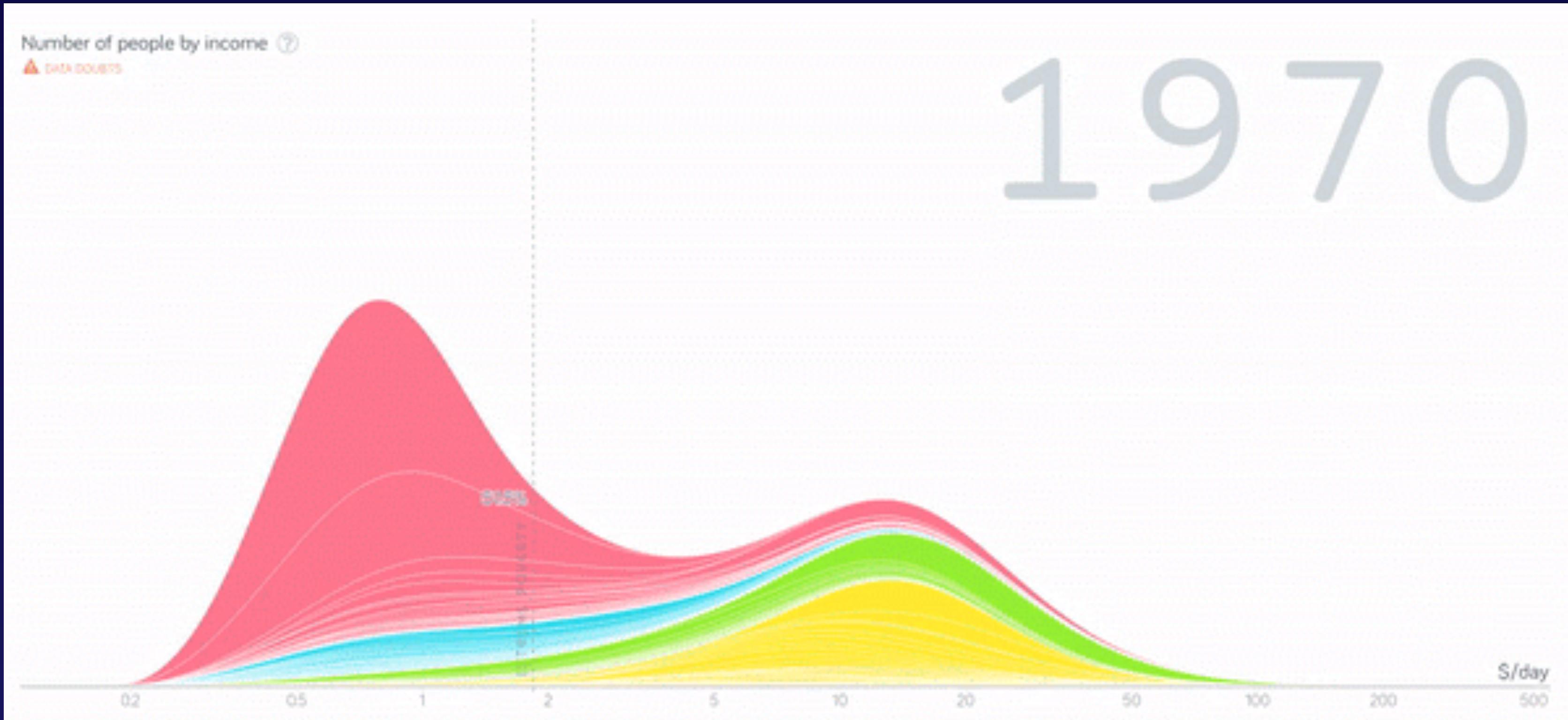
Swedish physician, academic, statistician, and public speaker.

Rosling's research links data analysis and visualization of economic development, agriculture, poverty and health data.



Gapminder







Hans Rosling, PhD

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1

Relationships

Do we want to find important relationships within our data? Are there any trends or outliers?

3

Distributions

Do we want to know more about the distributions of our data? Are there any outliers?

2

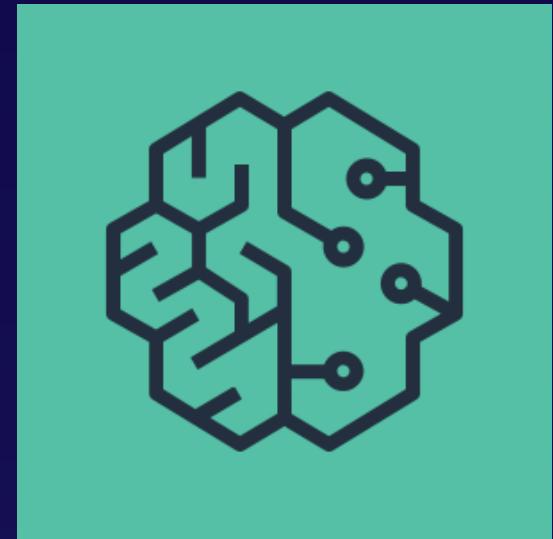
Comparisons

Are we comparing different values within our data?

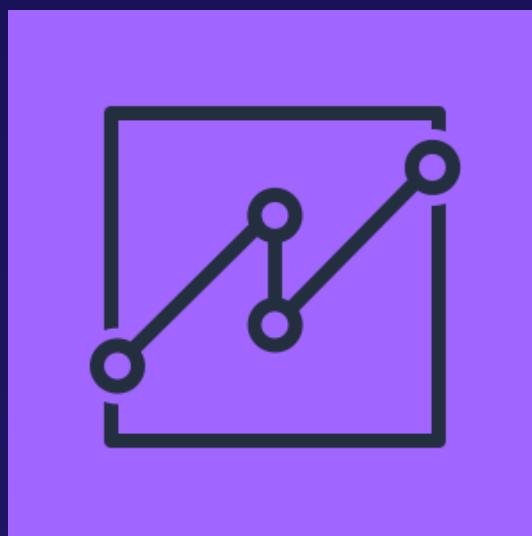
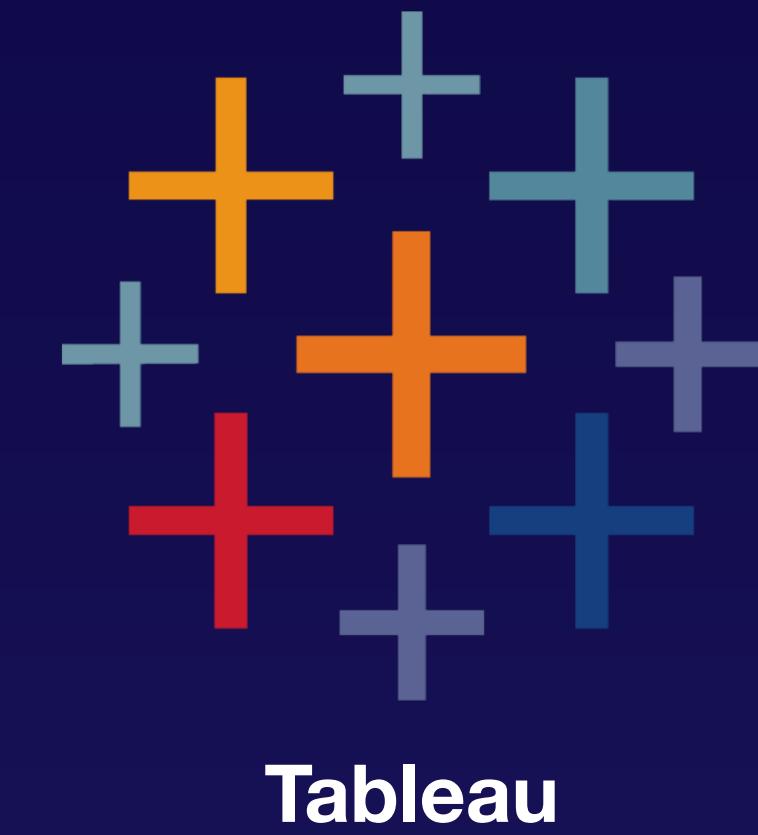
4

Compositions

Do we want to know what makes up our data? What are the different parts of our data as a whole?

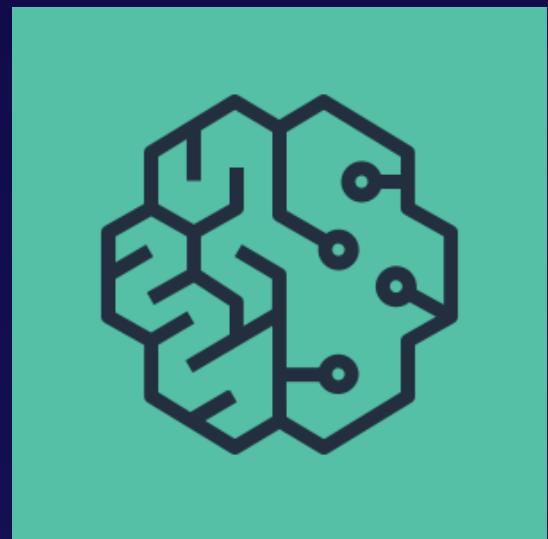


SageMaker



Amazon QuickSight

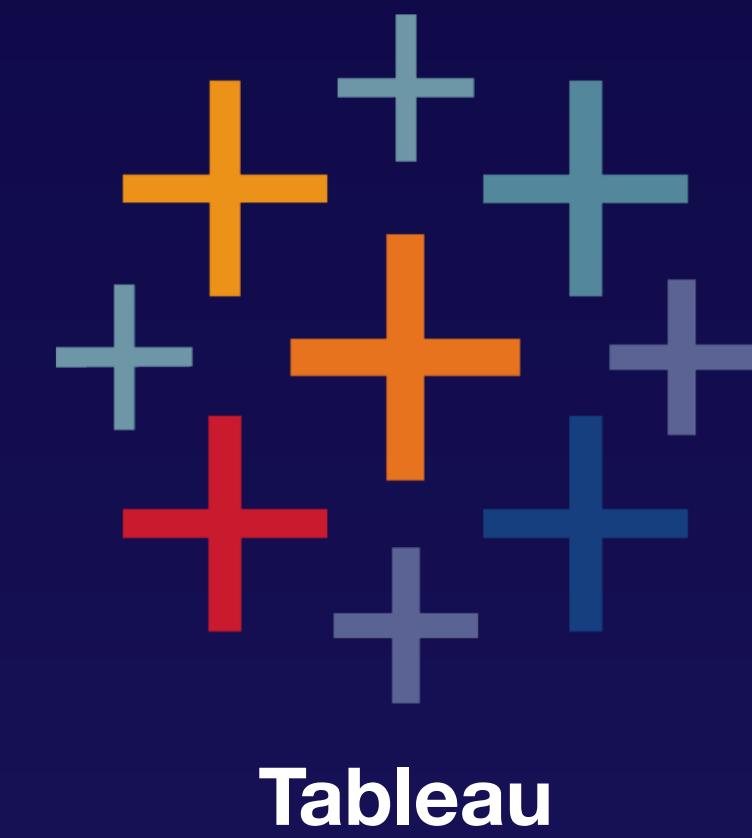
Developer Tools



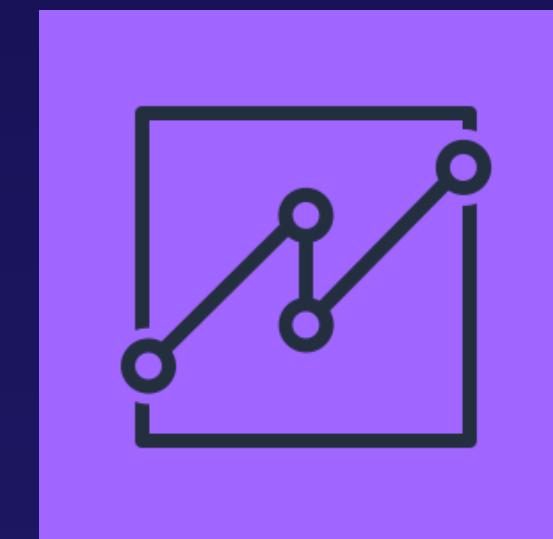
SageMaker



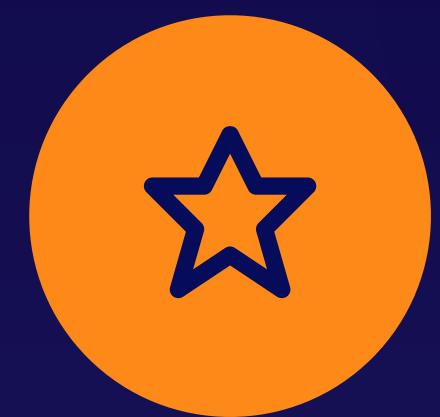
Business Intelligence Tools (BI Tools)



Tableau

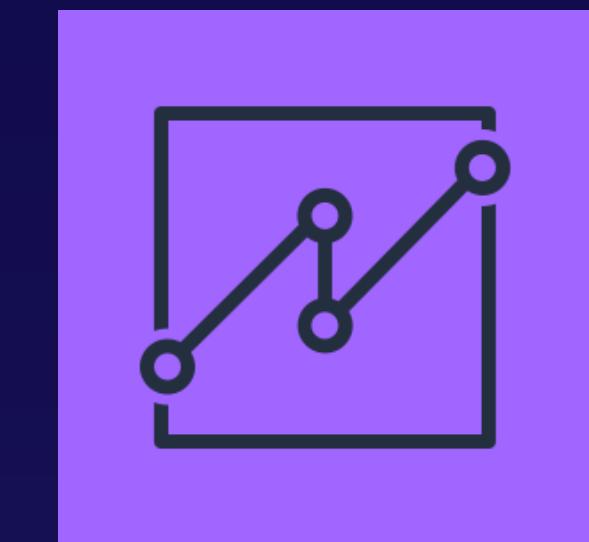


Amazon QuickSight

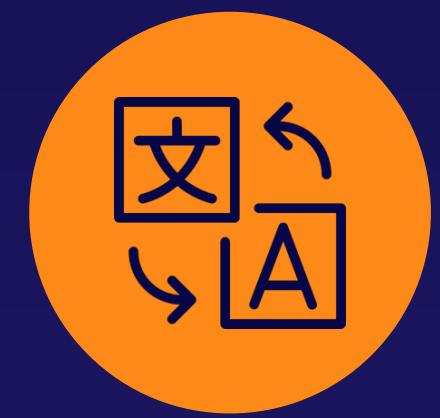


Amazon QuickSight

Business intelligence tool (BI tool) that makes it easy to create visualizations from your data.



QuickSight



Create awesome visualizations in the AWS console.

QuickSight

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