Lumos: Increasing **Awareness** of Human **Biases** during Visual Data Analysis

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How **often** do you look at specific **attributes?**

Set your **encodings, filters** and **visualize** your data

Overview

Lumos helps people make more **informed** decisions by making them **aware** of unconscious **biases** that drive their data analyses.

By setting **target distributions** for a decision, people can maintain awareness if their analysis process does not reflect their **goals**.

Scenario

E.g., you are assessing **credit applications** that determine if a person can be **approved for a loan**.
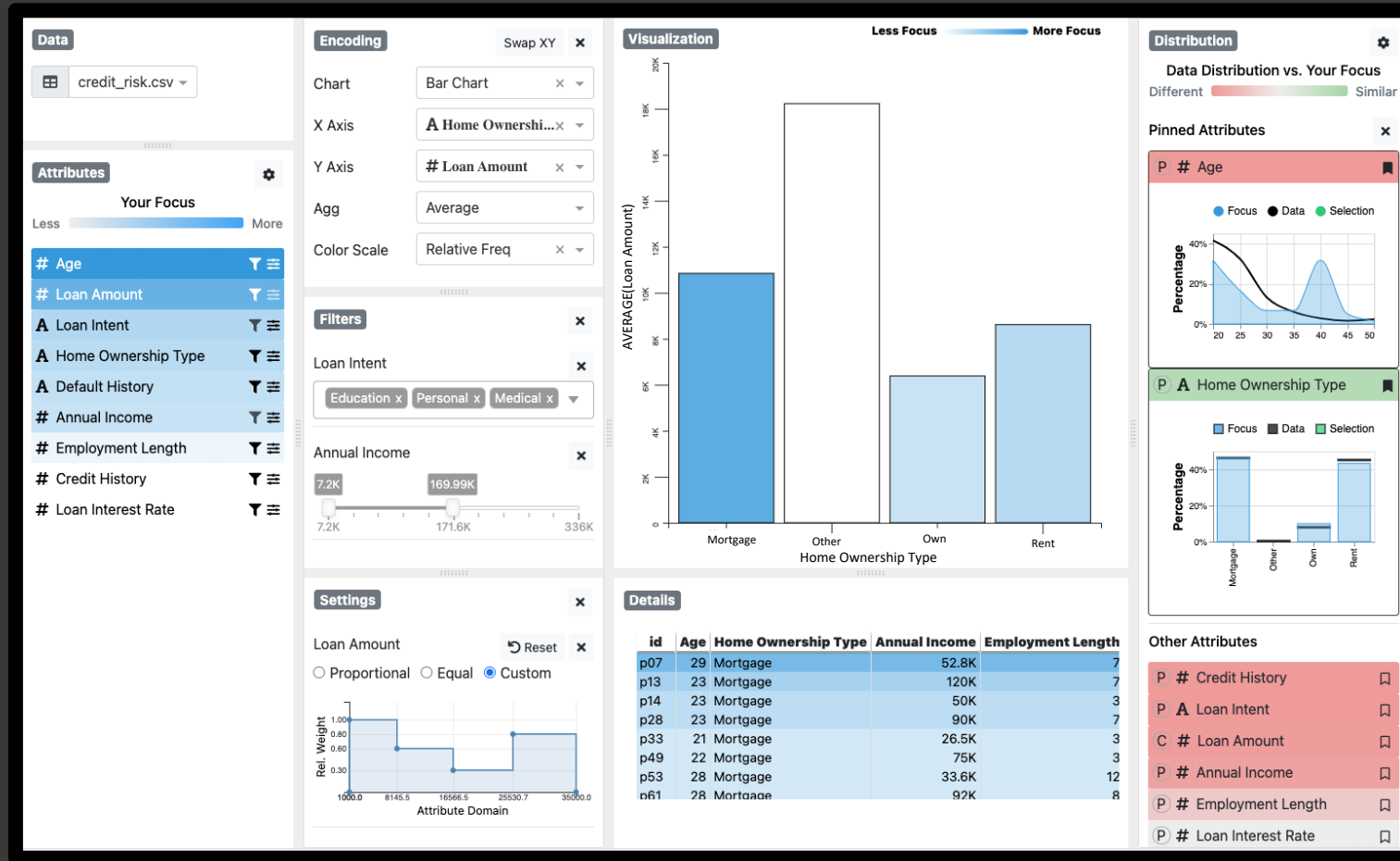
Several **biases** may come into play...

How much **focus** do you give to your **data points?**

Applications

Lumos can be used across multiple **domains** to tackle, e.g.,

Age bias in **loan** applications, **Gender bias** in **C-suite** promotions, **Racial bias** in **parole** applications.

Set **target distributions** for your analysis

More details to help you find **insights**

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