

Time to Say Goodbye

It's time to say goodbye, but I think goodbyes are sad and I'd much rather say hello. Hello to a new adventure.

Ernie Harwell

[@quotefancy](#)

Lesson10: The Epilogue

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ISSS608: Visual Analytics and Applications

Fundamentals of Data Visualisation	In-class Exercises and Class Participation
Interactive Visual Analytics Techniques	DataViz Makeover
Basic Principles and Methods of Visual Analytics	
Advanced Visual Analytics Techniques	Visual Analytics Assignments
Analytical Dashboard Design	Visual Analytics Project
Visual Analytics Application Design	

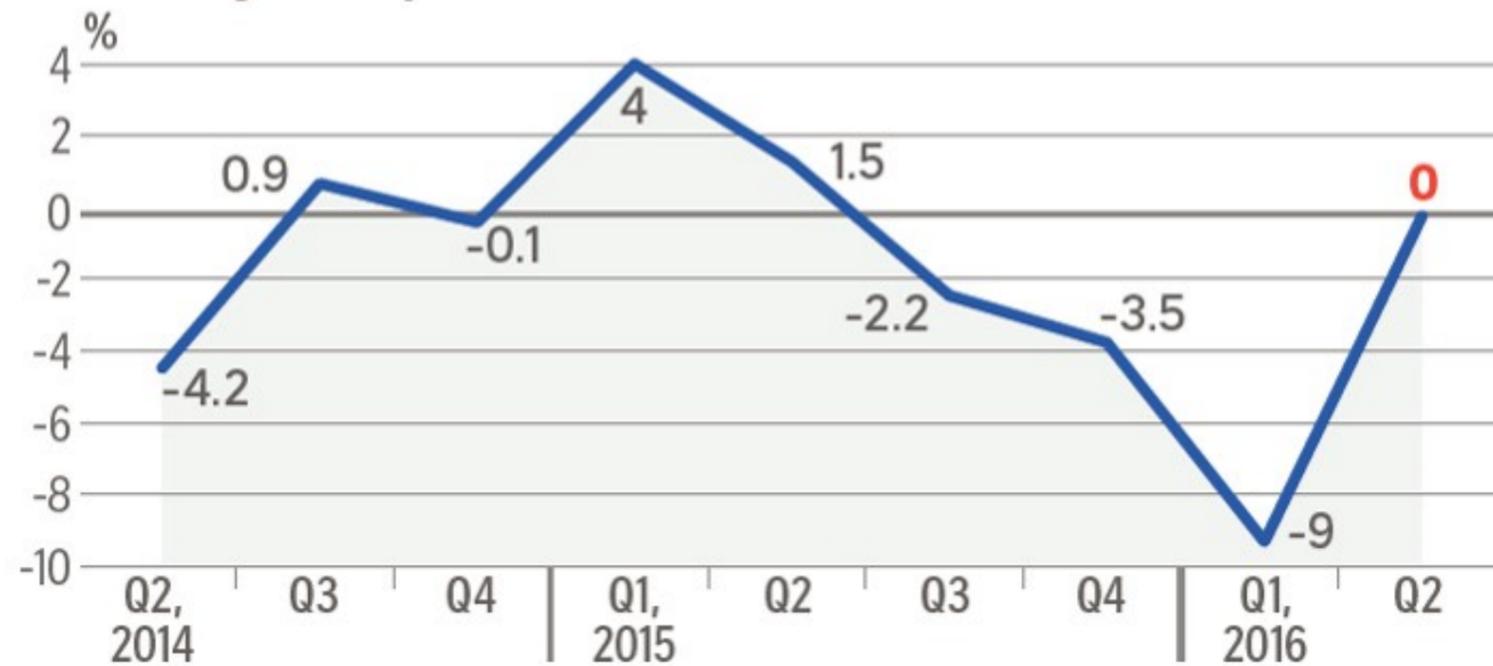
Motivation of Visual Analytics

The World is full of charts that lie!



Non-oil domestic exports (Nodx) growth was flat in the second quarter. For the first half this year, Nodx fell 4.5 per cent compared with the same period last year.

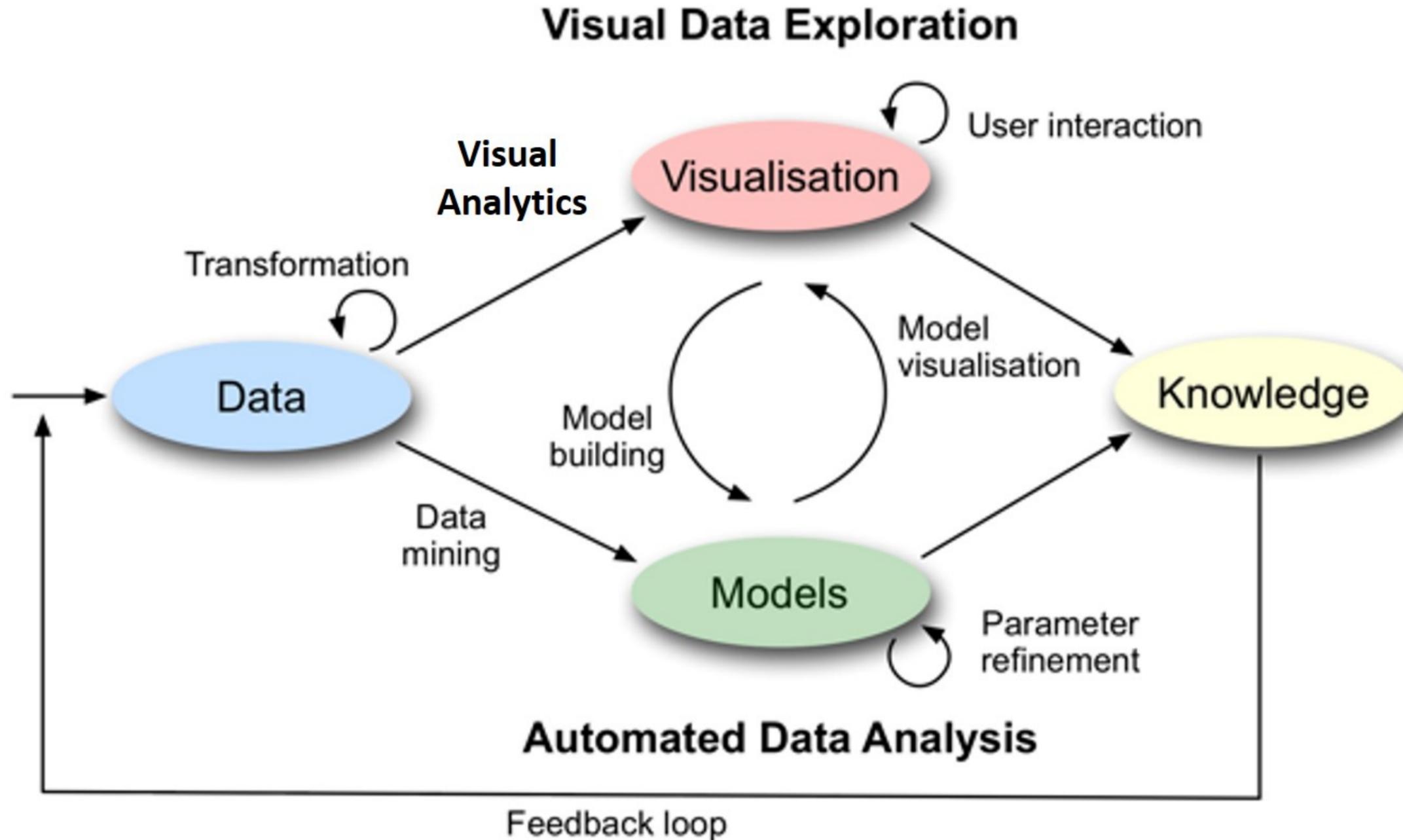
Stuttering Nodx performance



We need to get smarter about visual information

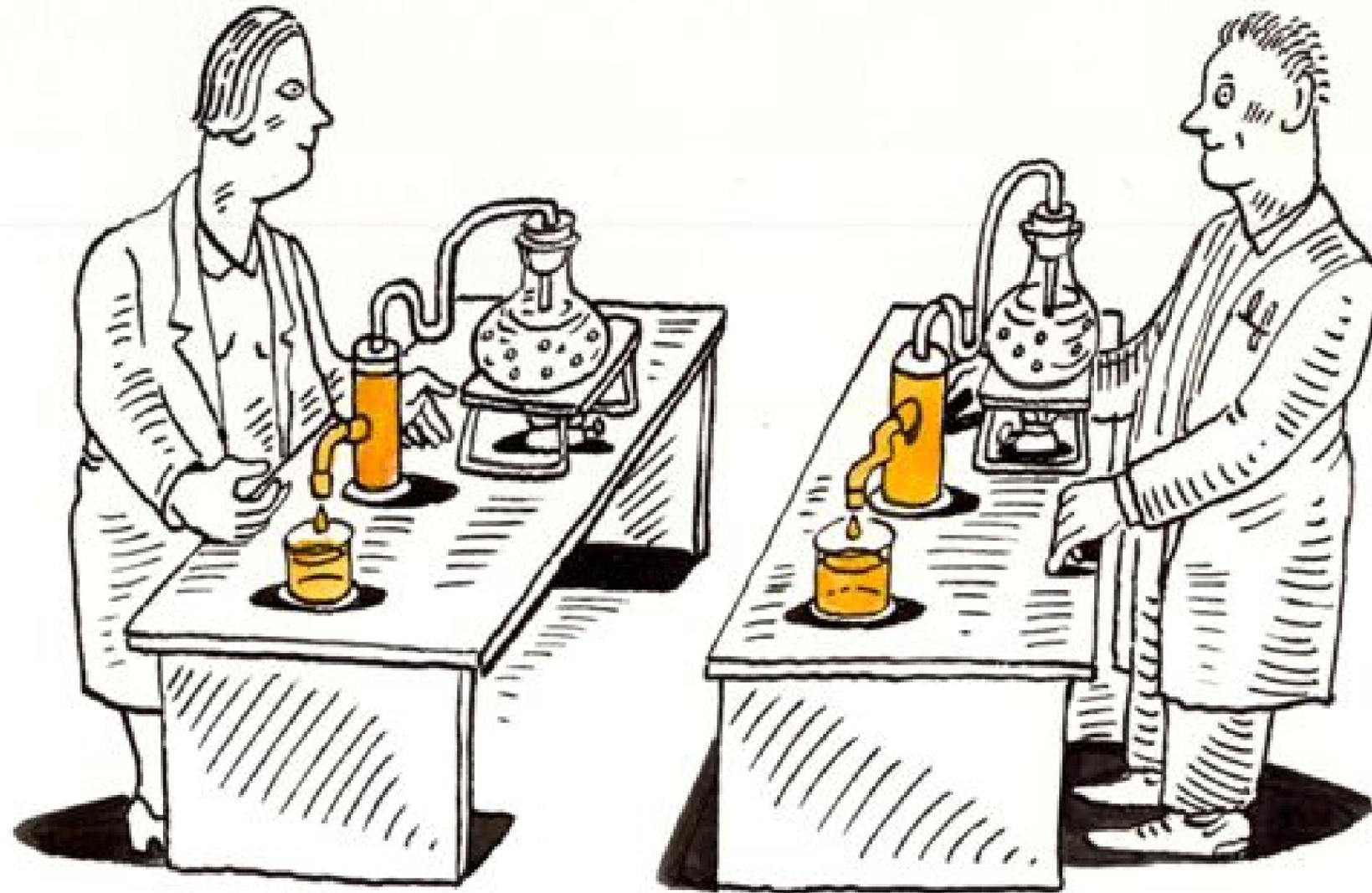
Motivation of Visual Analytics

Is there a place for Visual Analytics in knowledge discovery?



What is Visual Analytics?

Visual Analytics must be Reproducible

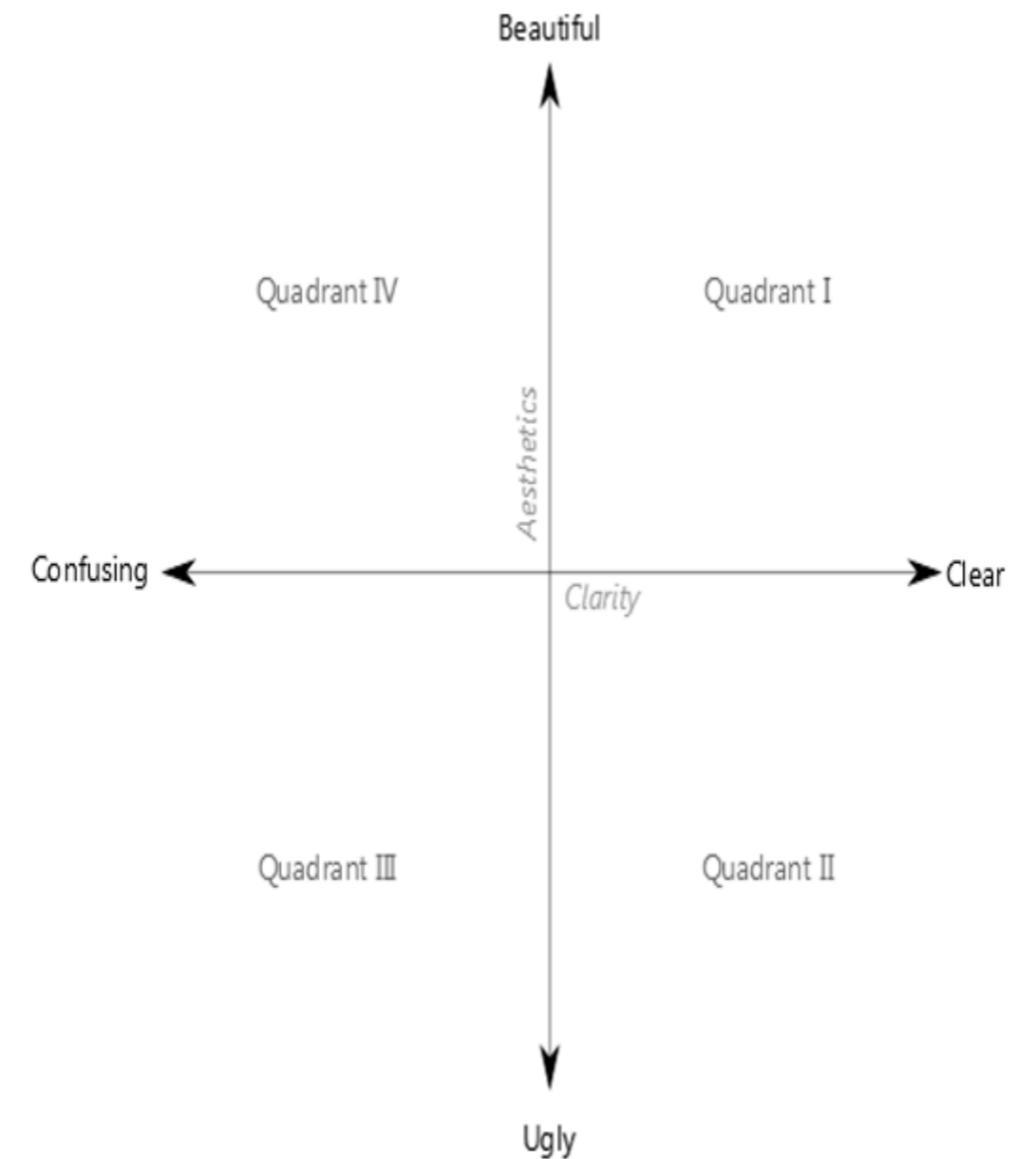


Reference: [Ten Simple Rules for Reproducible Computational Research](#)

A Gentle Reminder

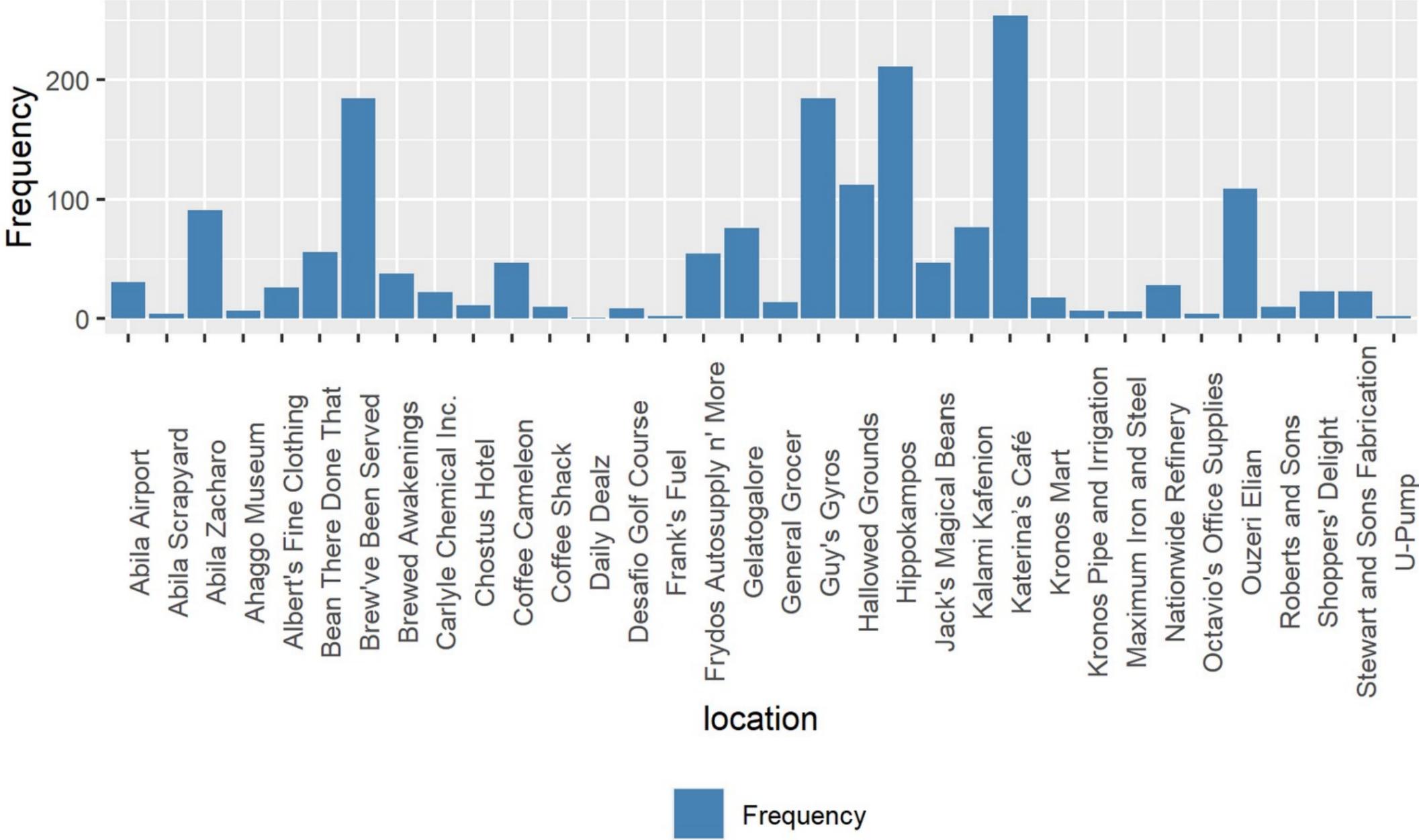
Data Visualization: Clarity or Aesthetics?

Mapping data visualizations on a Cartesian coordinate system where "clarity" is placed along the horizontal (x) axis and "aesthetics" is placed along the vertical (y) axis provides a framework to gage the objective and subjective merits of a graphic:



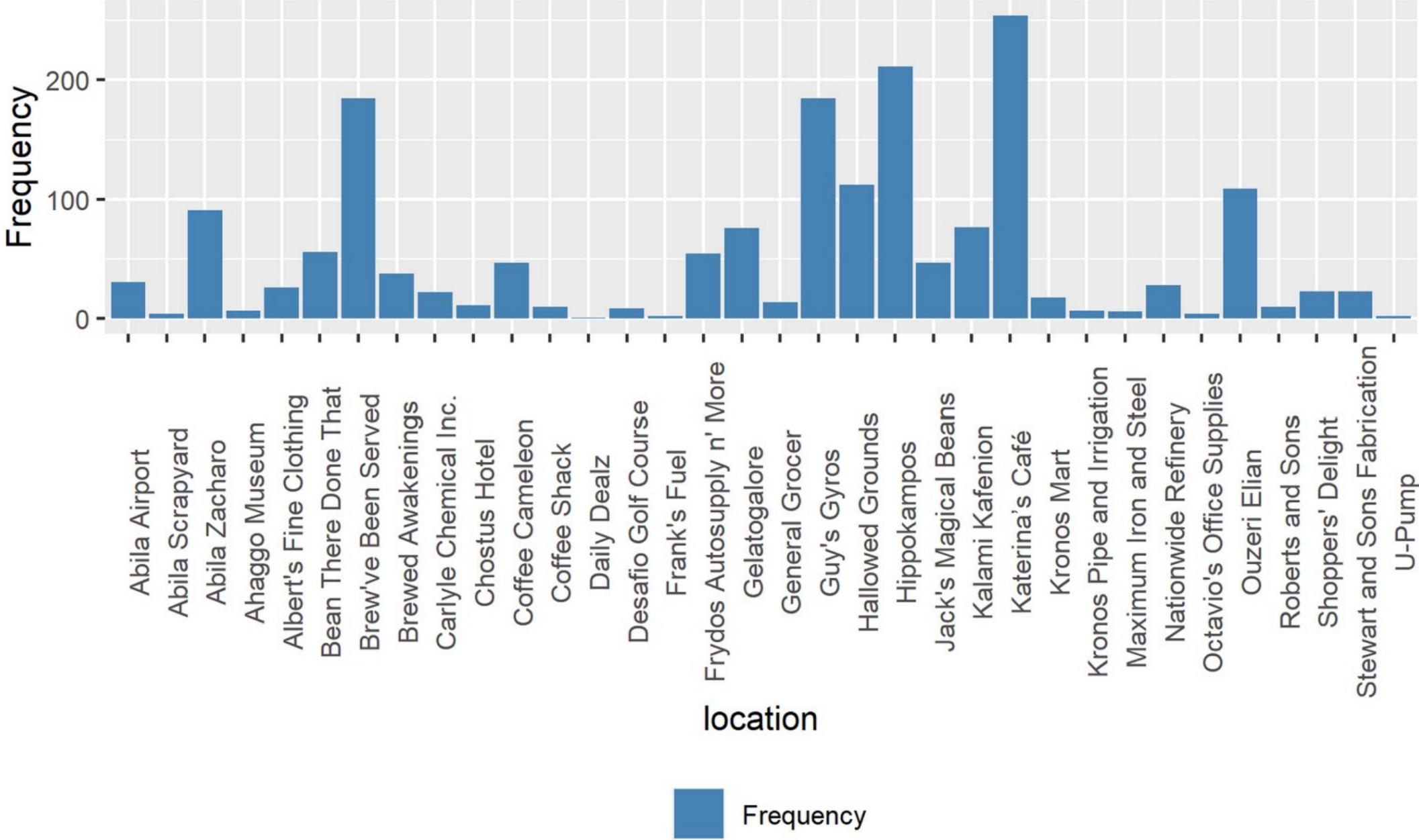
A Gentle Reminder

Avoiding junk charts



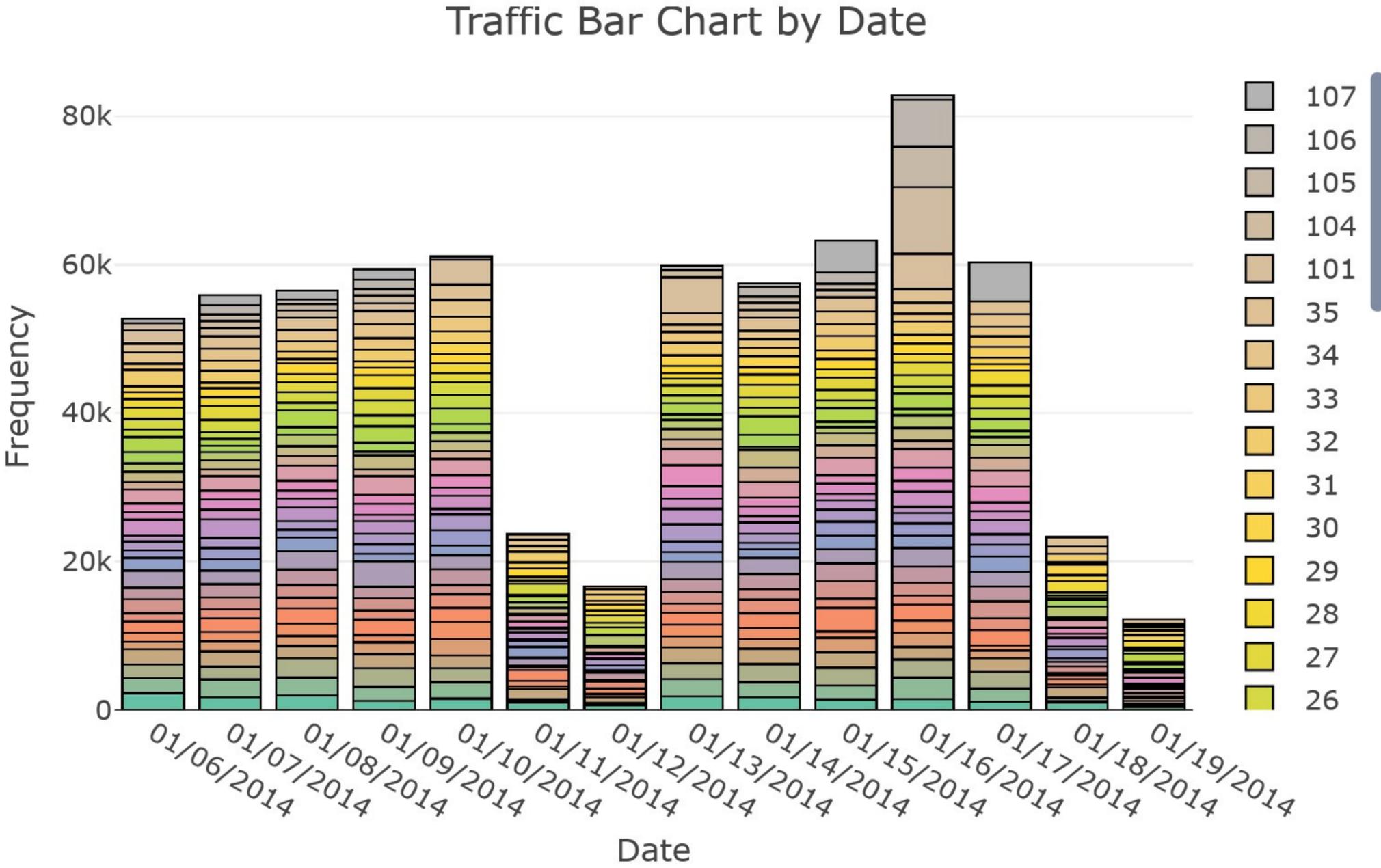
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Avoiding junk charts



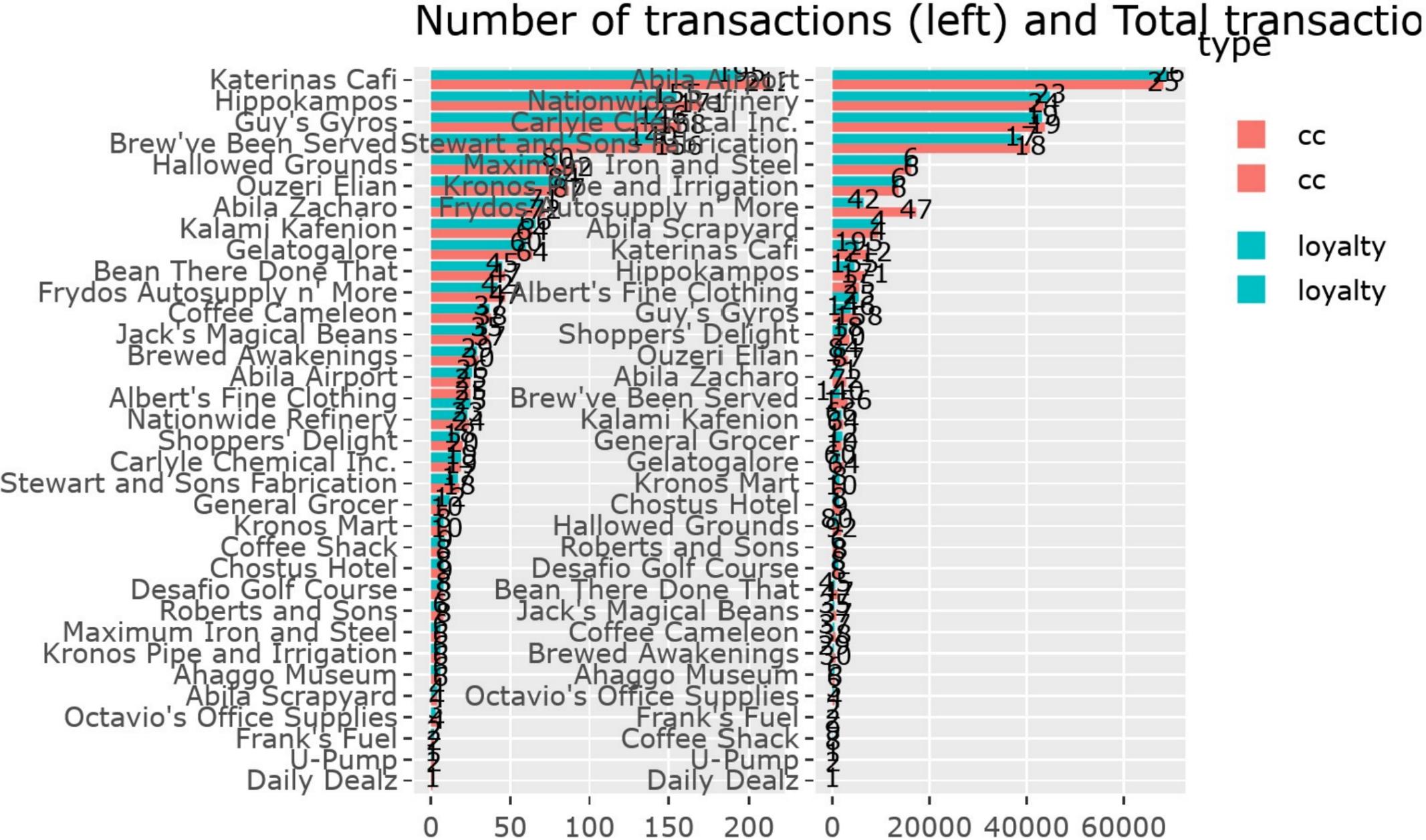
A Gentle Reminder

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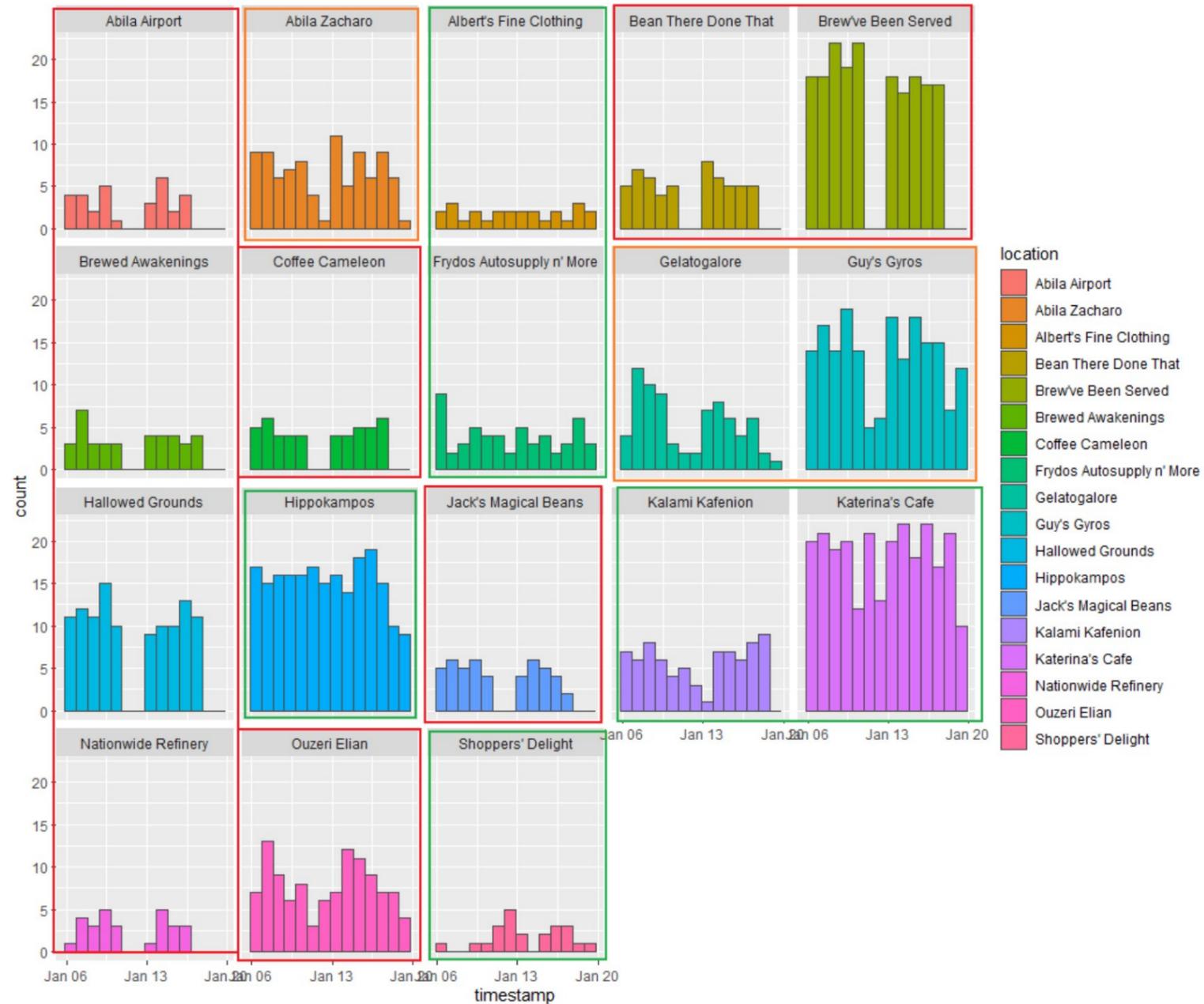
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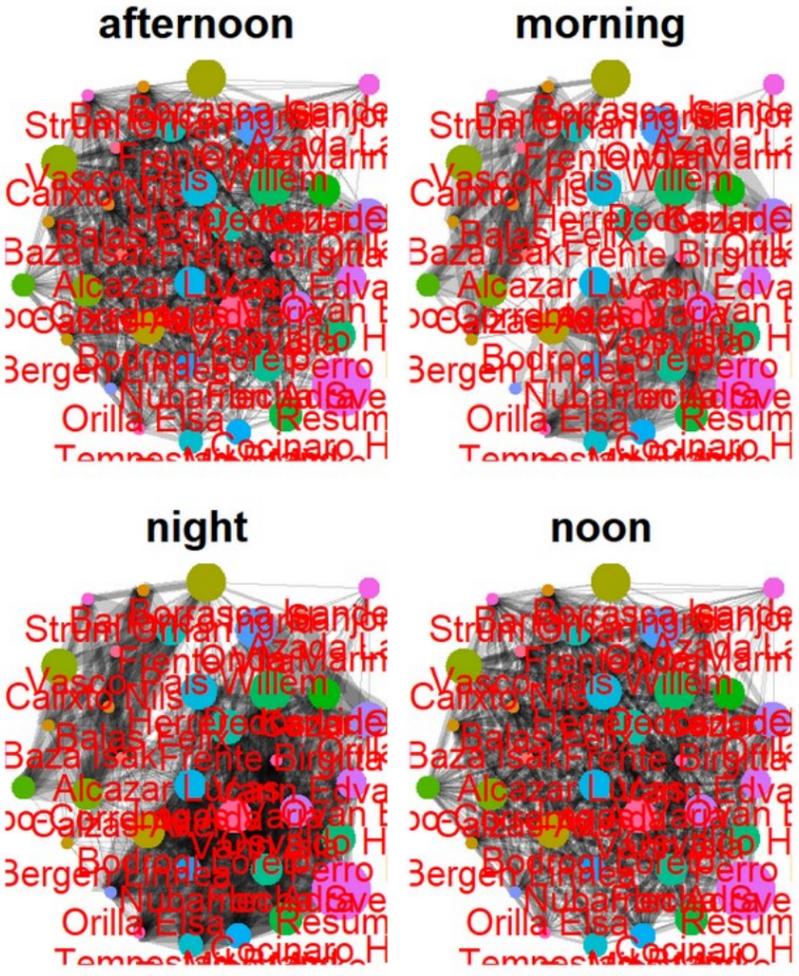
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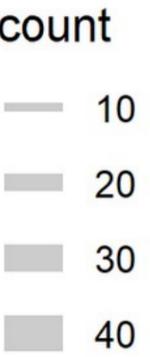


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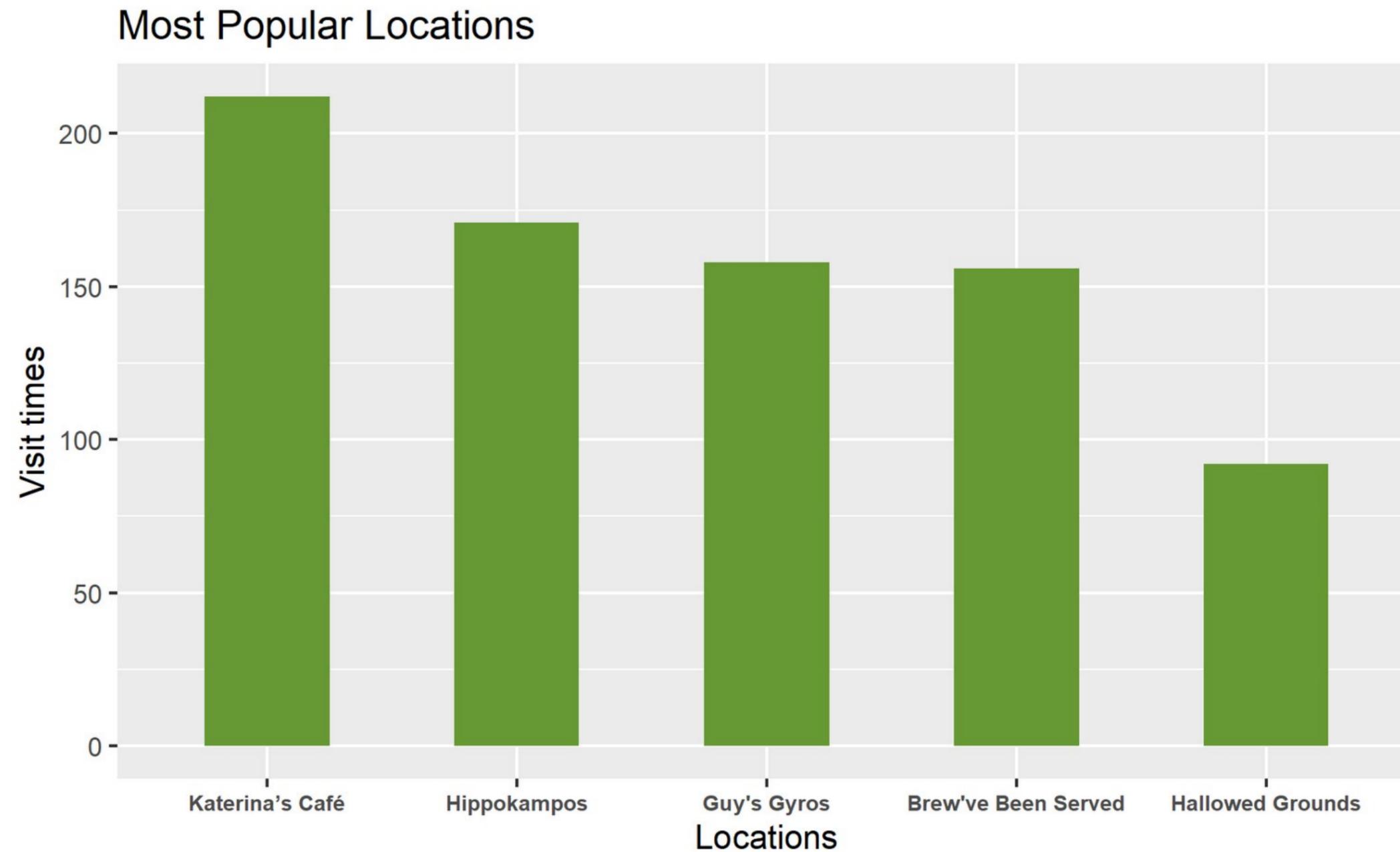


- Borrasca Isande
- Calixto Nils
- Calzas Axel
- Campo-Corrente Ada
- Cazar Gustav
- Cocinaro Hideki
- Dedos Lidelse
- Ferro Inga
- Flecha Sven
- Frente Birgitta
- Frente Vira
- Orilla Kare
- Osvaldo Hennie
- Ovan Bertrand
- Resumir Felix
- Sanjorge Jr. Sten
- Strum Orhan
- Tempestad Brand
- Vann Edvard
- Vann Isia
- Vasco-Pais Willem



A Gentle Reminder

Show the world the good visual design principles

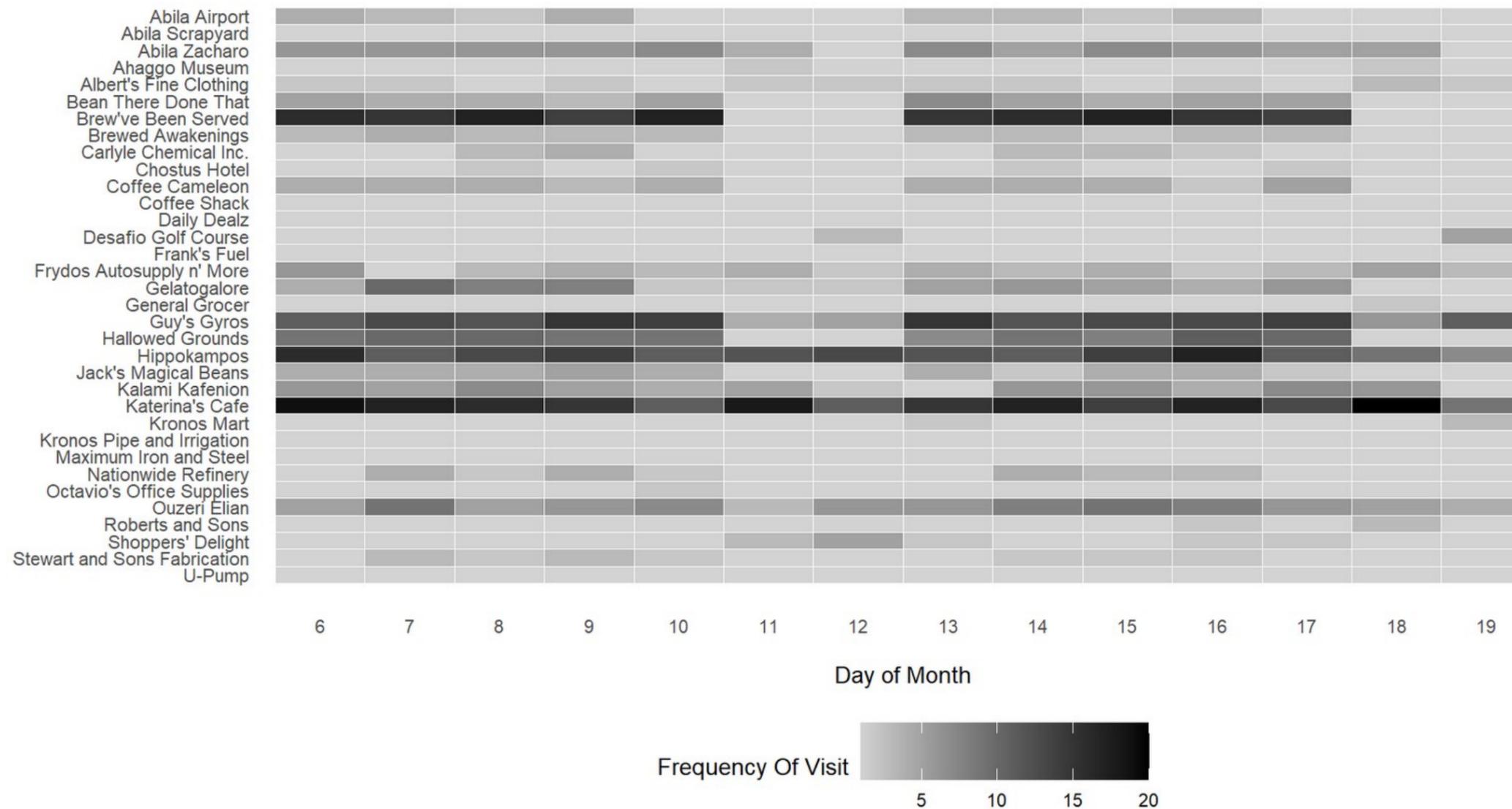


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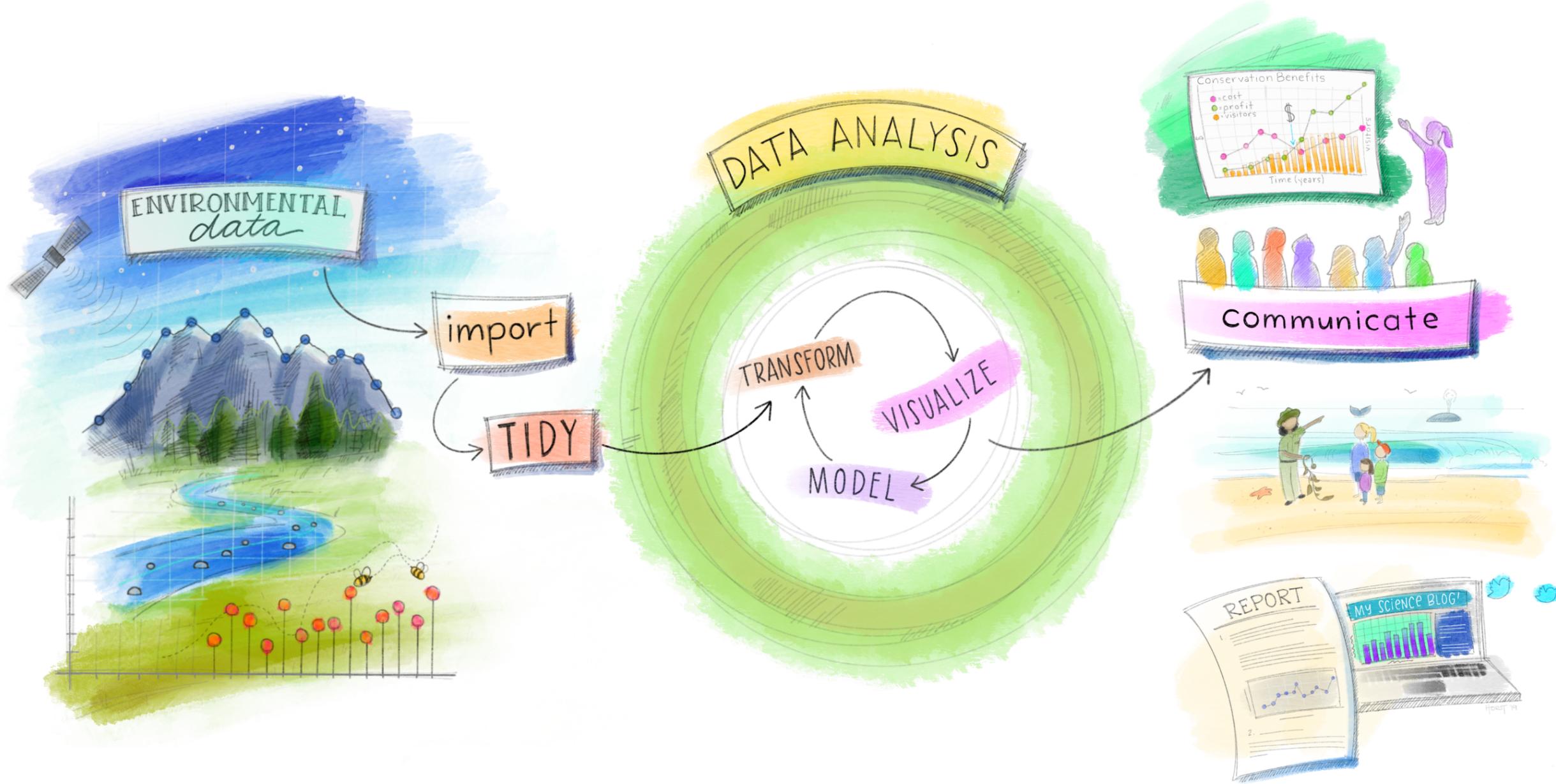
Show the world the good visual design principles

Calendar Heatmap of Location Visit Frequency (From CC Data) By Date

Food and coffee outlets seem to be the most frequented, based on credit card data



The bumper ride of R rollercoaster



The bumper ride of R rollercoaster



The bumper ride of R rollercoaster

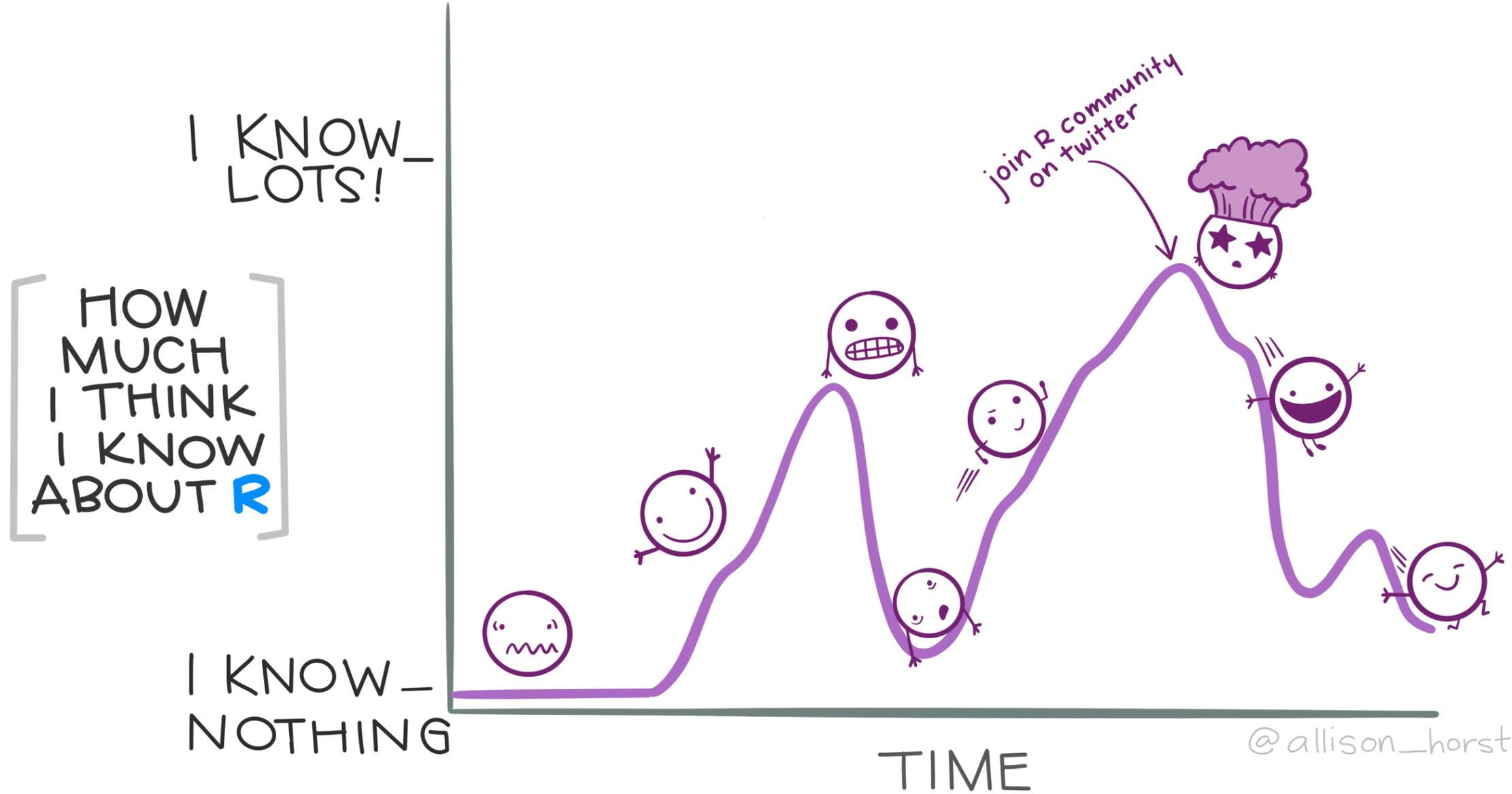
Rmarkdown
TEXT. CODE. OUTPUT.
(GET IT TOGETHER, PEOPLE.)



The bumper ride of R rollercoaster



The bumper ride of R rollercoaster



Let's Build a Better World with Visual Analytics

Things end but memories last forever!



