

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

Interactive Visual Analytics Techniques

Basic Principles and Methods of
Visual Analytics

Advanced Visual Analytics Techniques

Analytical Dashboard Design

Visual Analytics Application Design

In-class Exercises and
Class Participation

DataViz Makeover

Visual Analytics
Assignments

Visual Analytics
Project

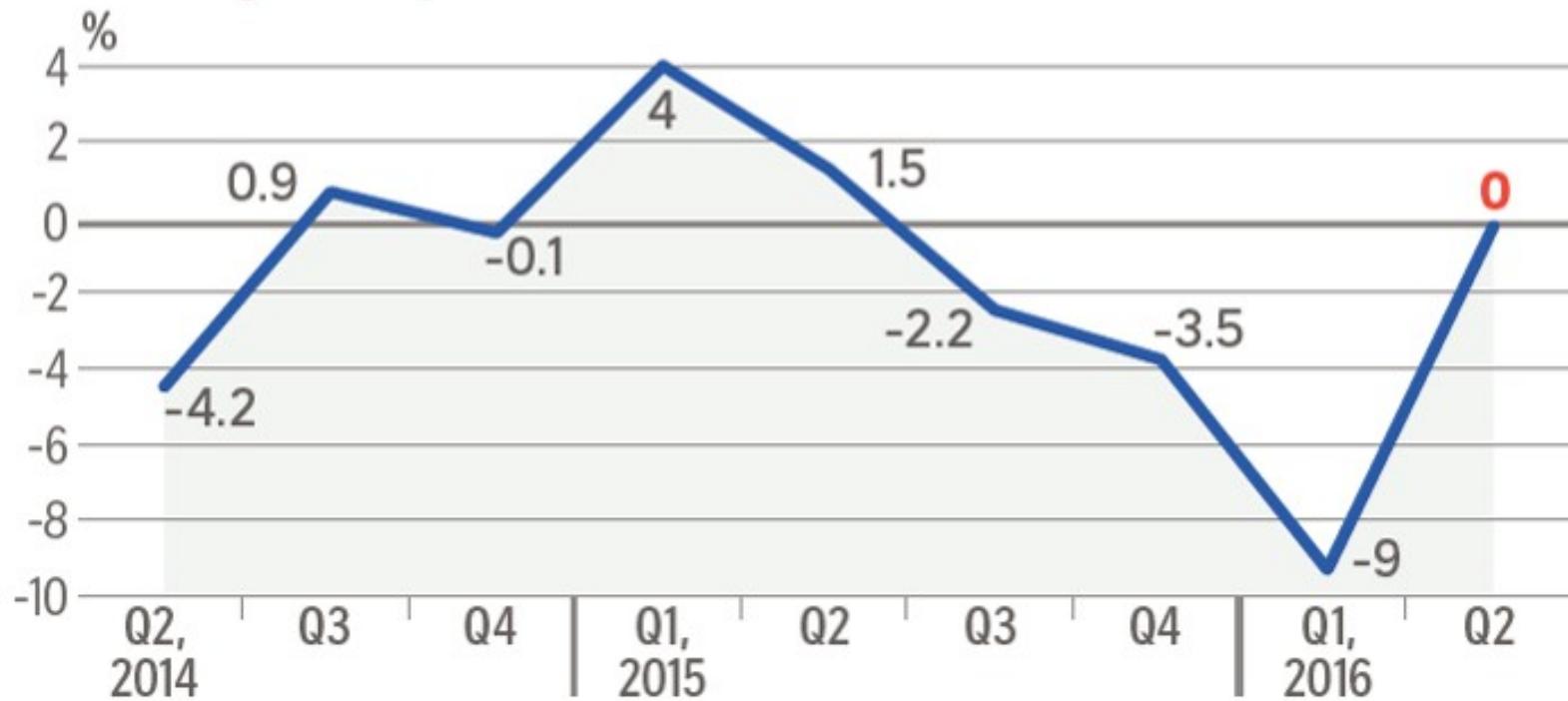
Motivation of Visual Analytics

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.

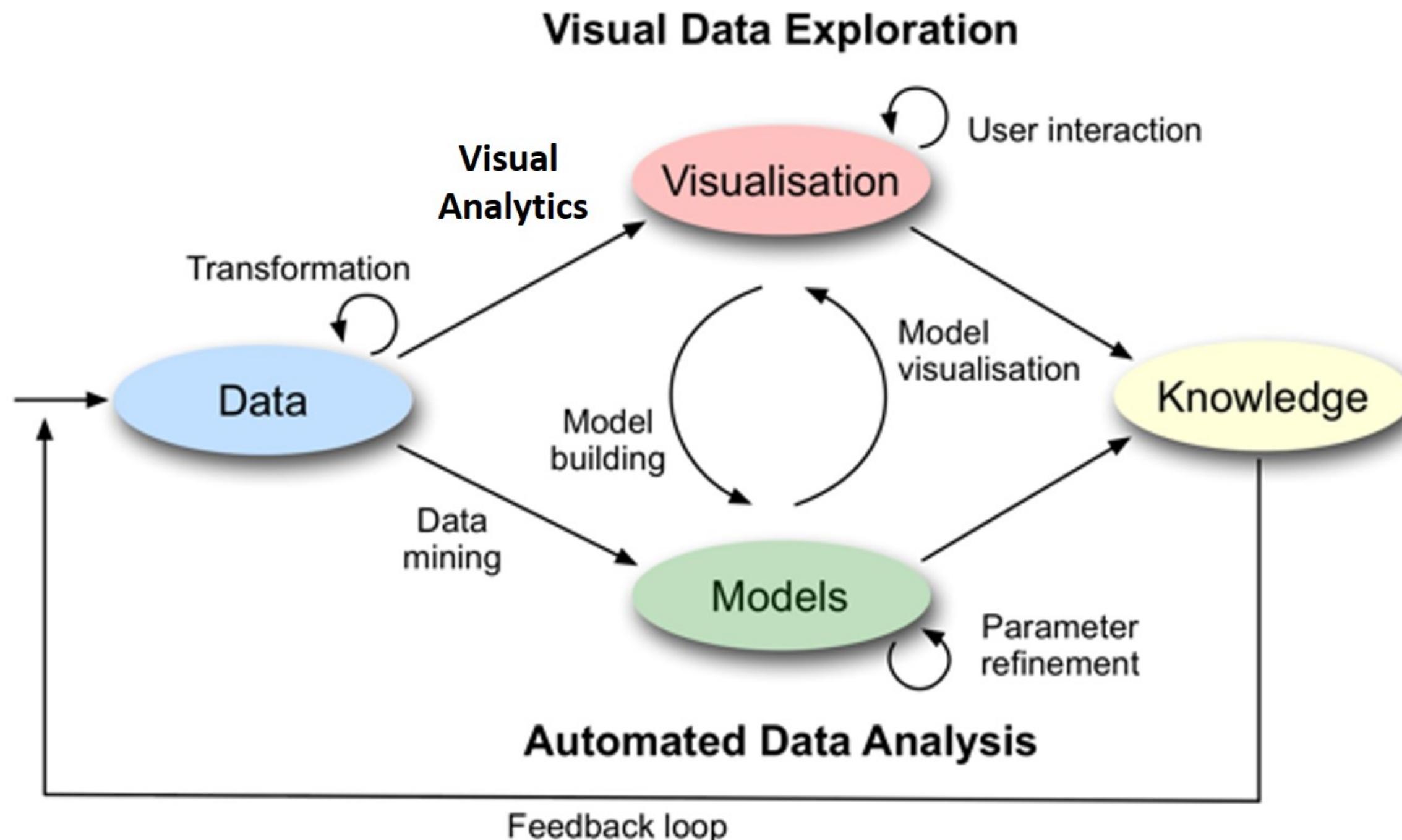
Stuttering Nodx performance



We need to get smarter about visual information

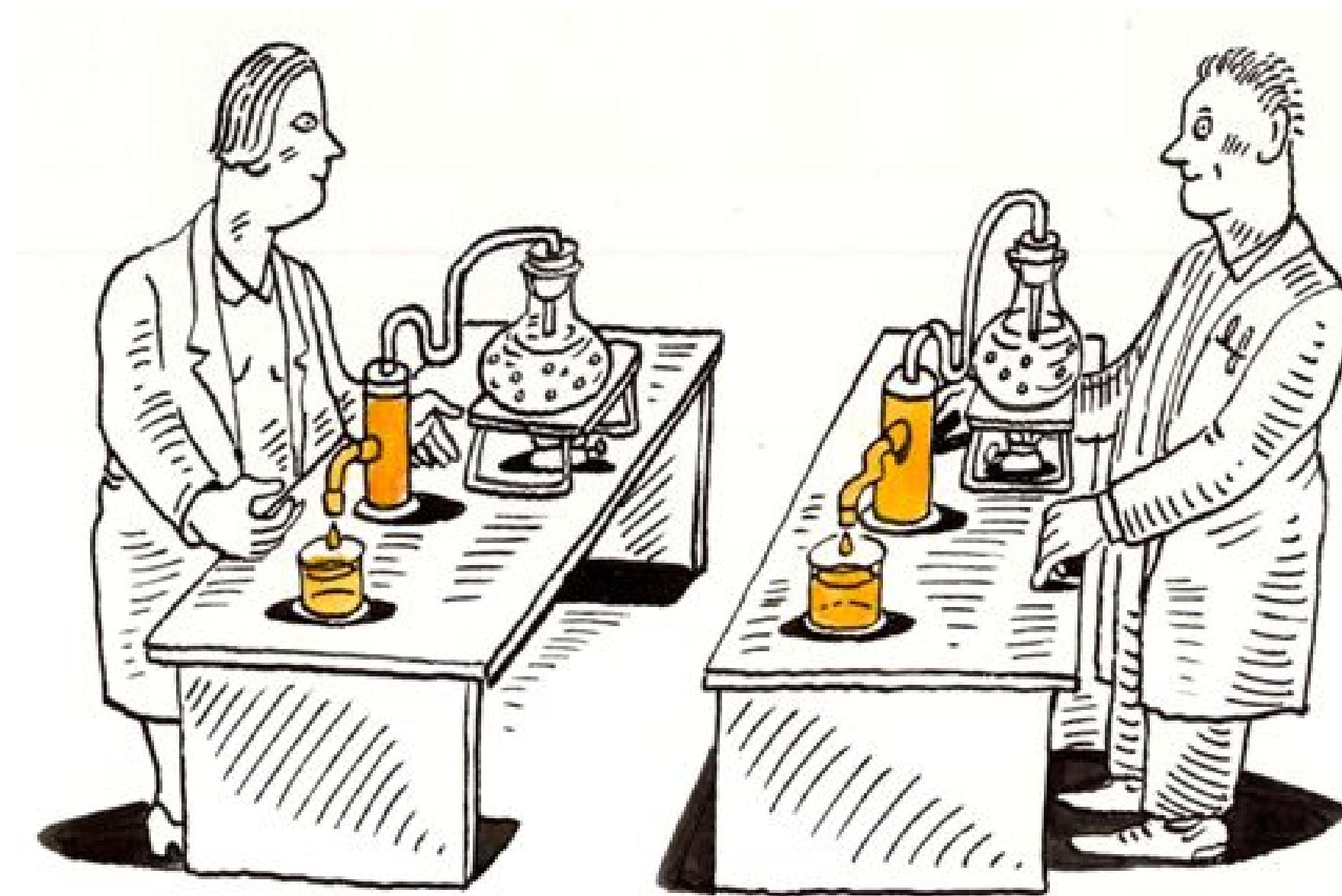
Motivation of Visual Analytics

Is there a place for Visual Analytics in knowledge discovery?



What is Visual Analytics?

Visual Analytics must be Reproducible

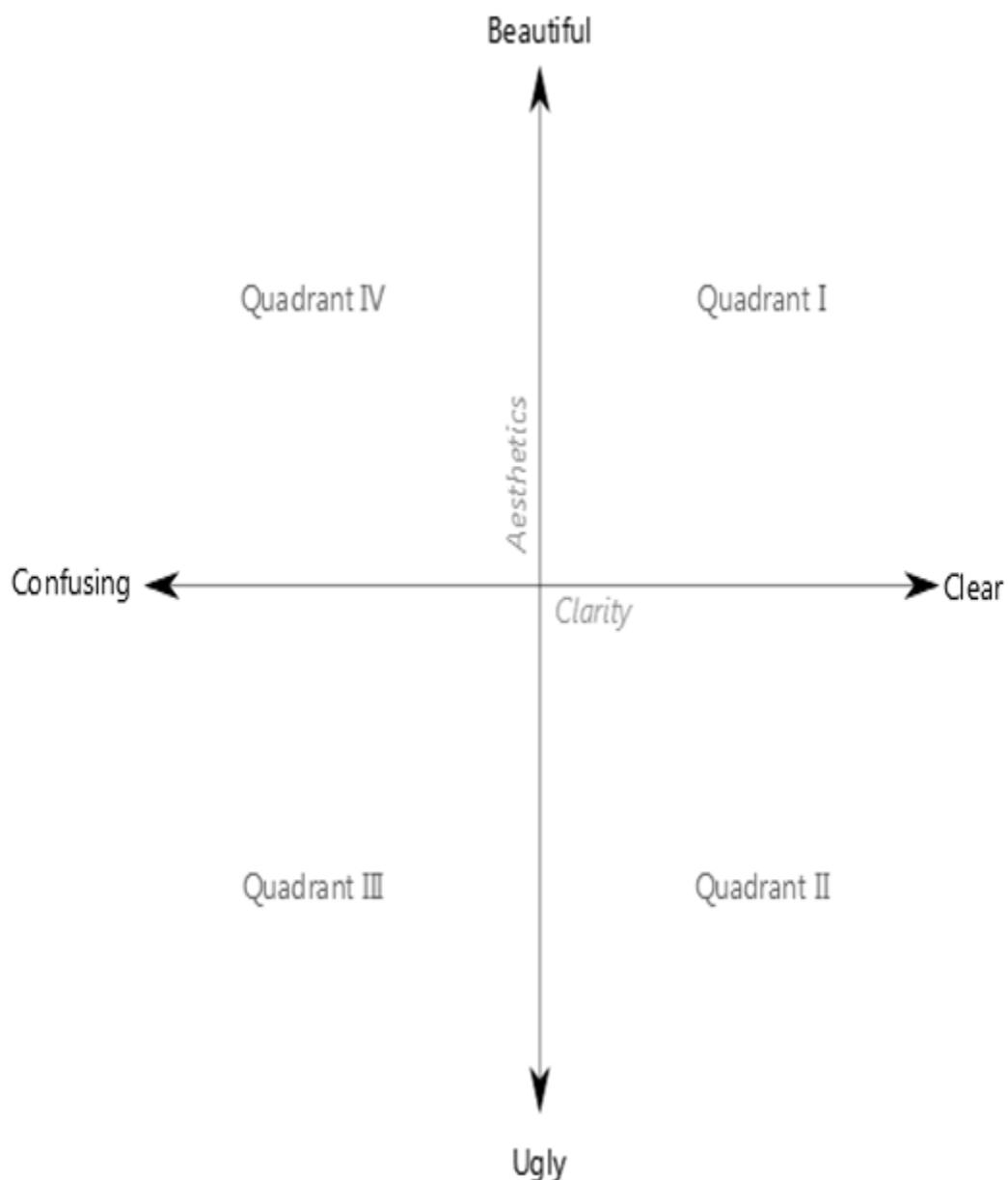


Reference: [Ten Simple Rules for Reproducible Computational Research](#)

A Gentle Reminder

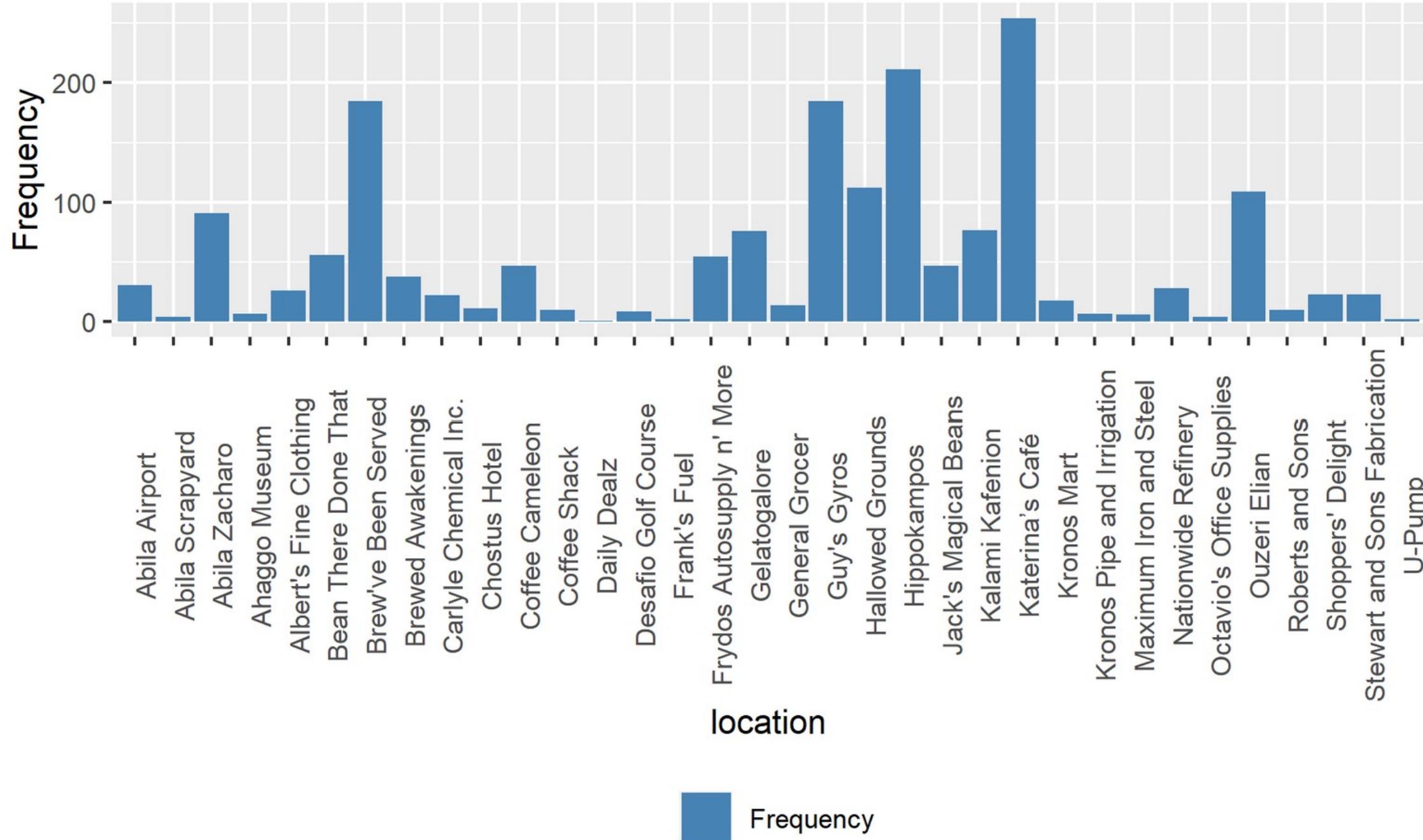
Data Visualization: Clarity or Aesthetics?

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:



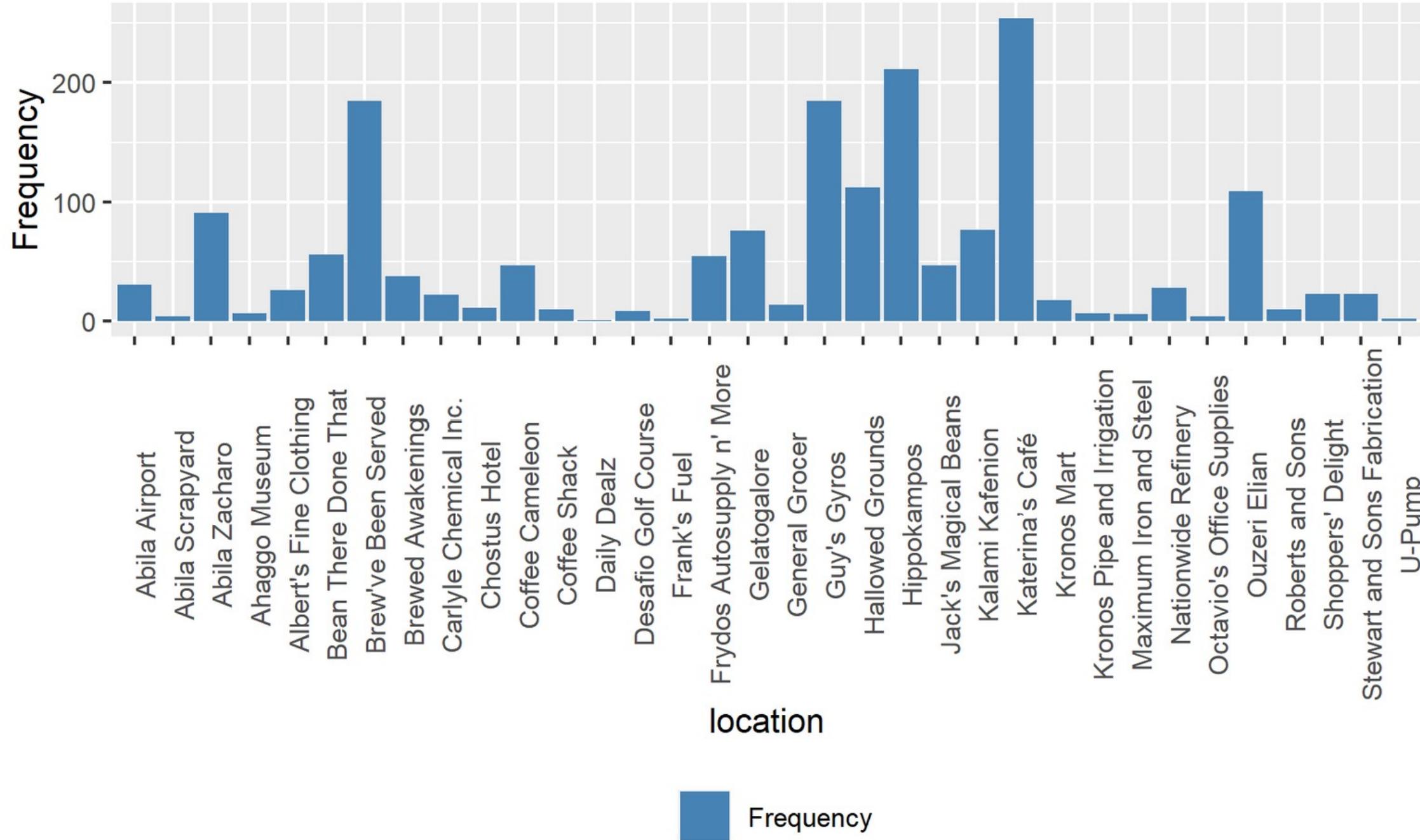
A Gentle Reminder

Avoiding junk charts



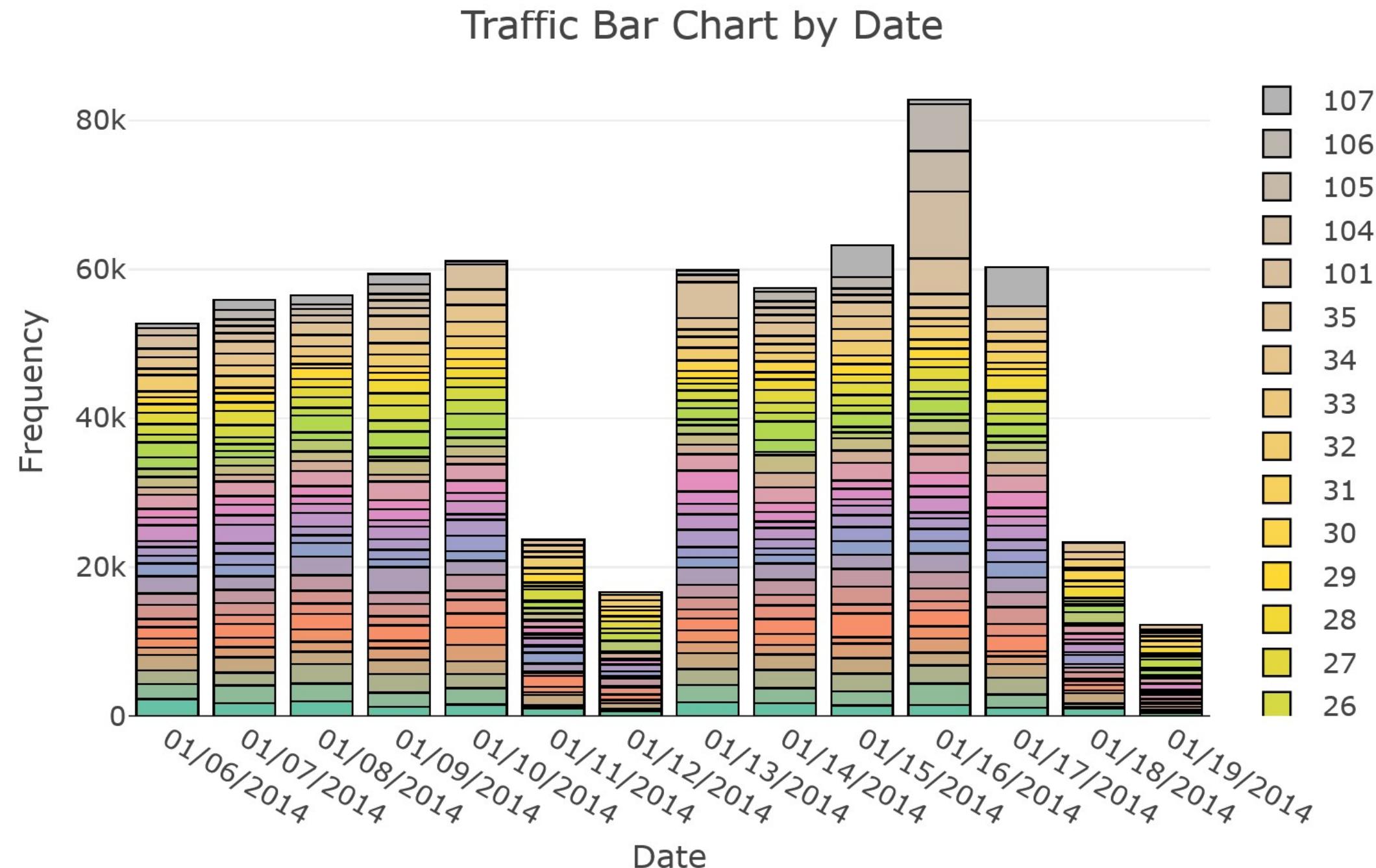
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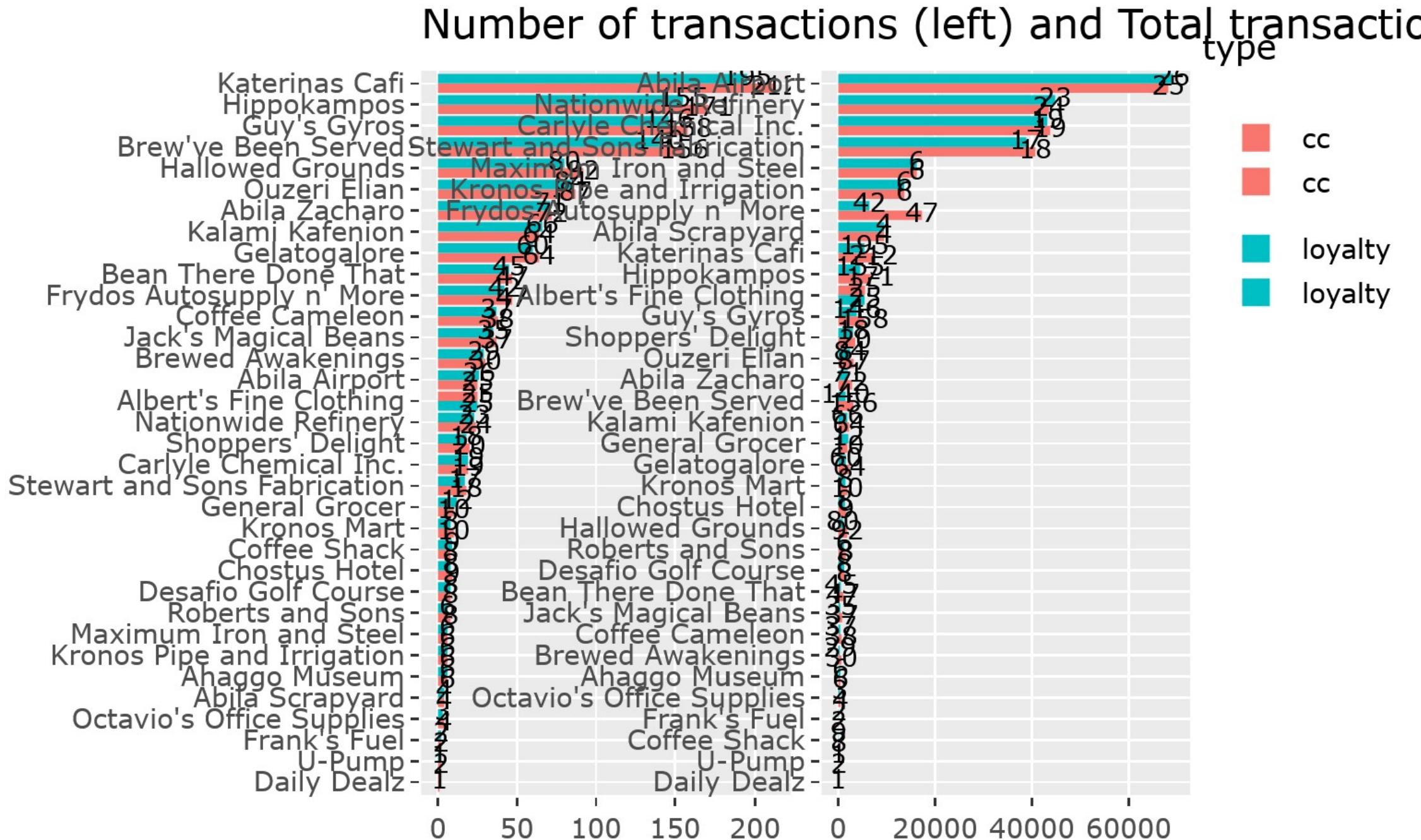
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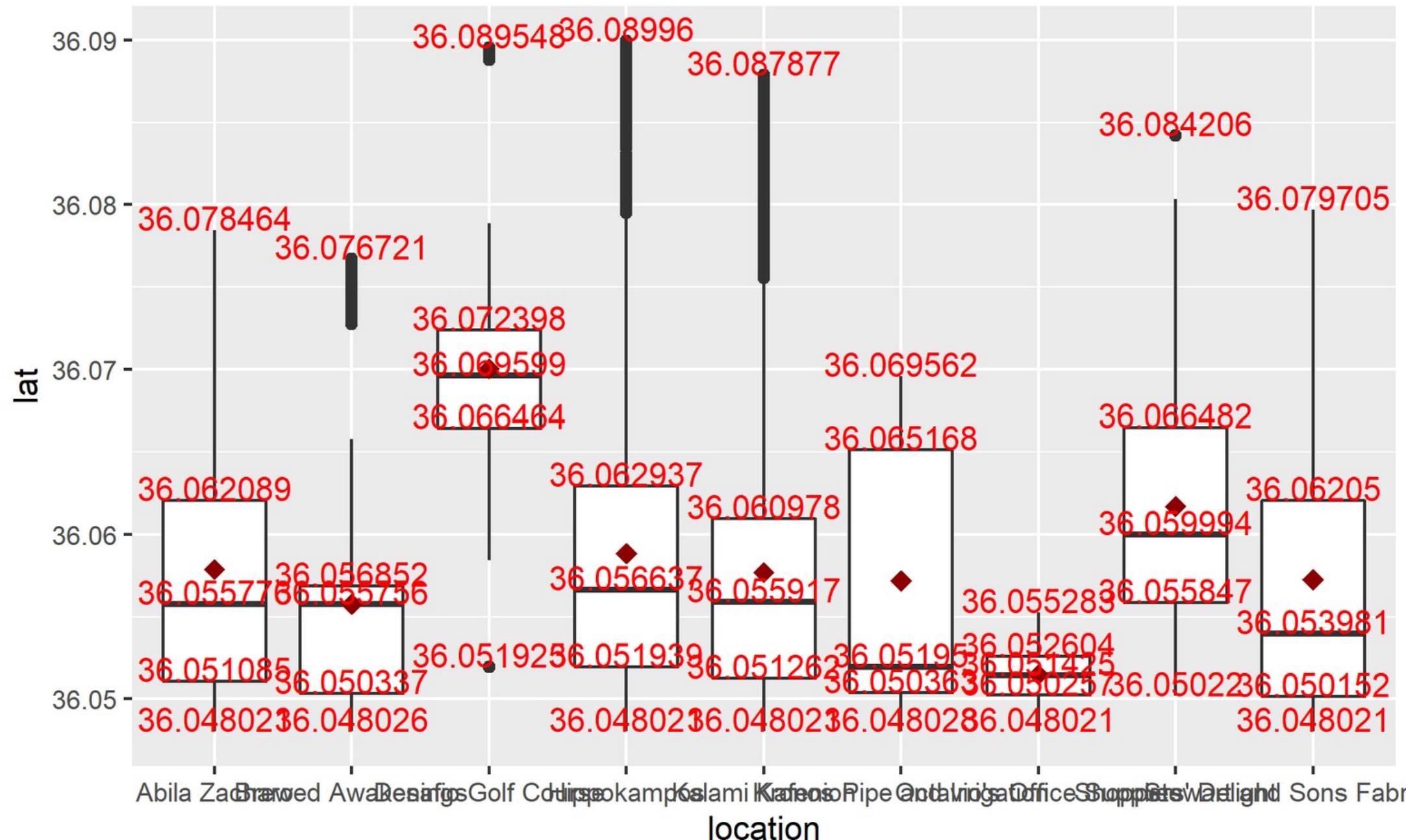
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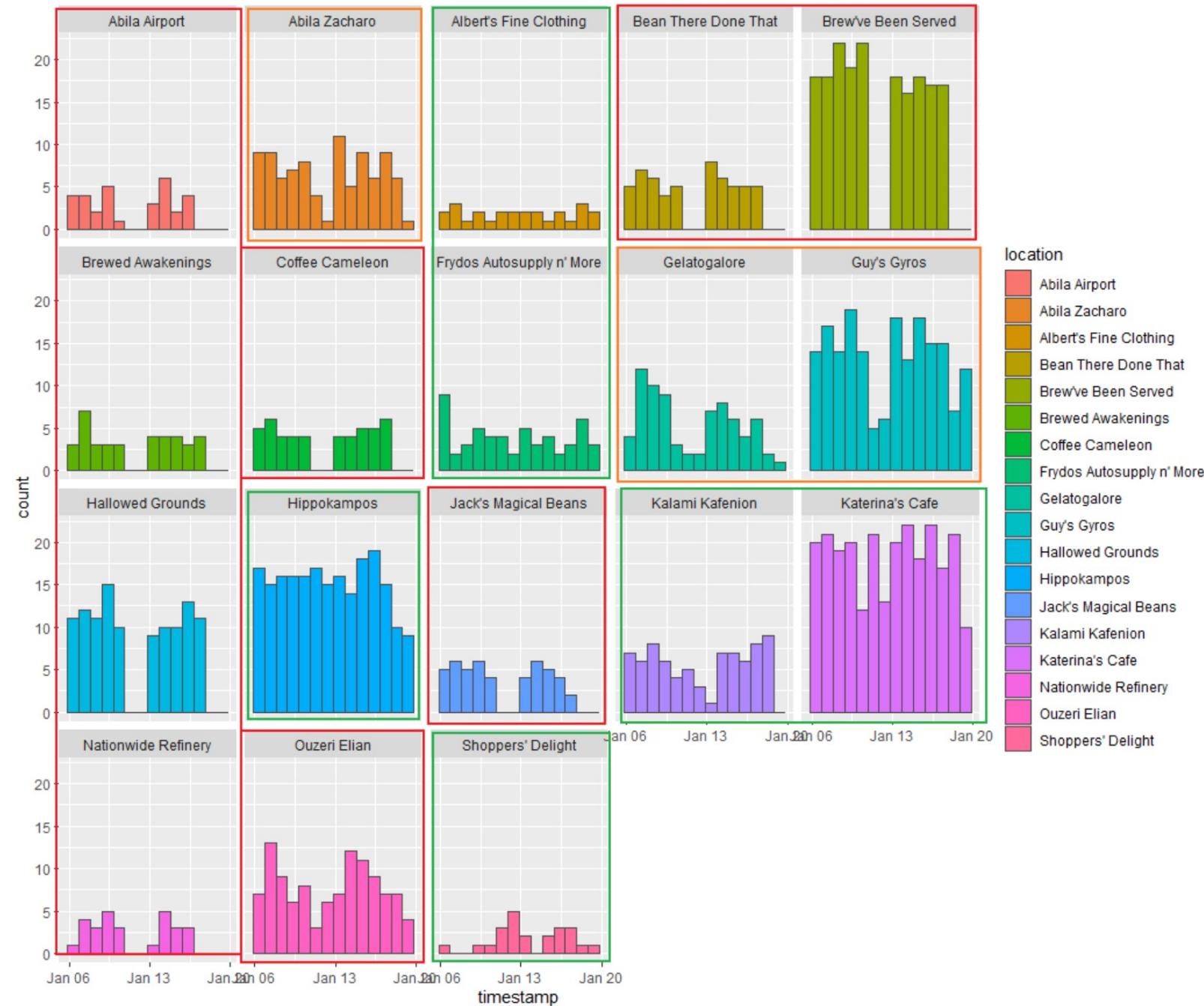
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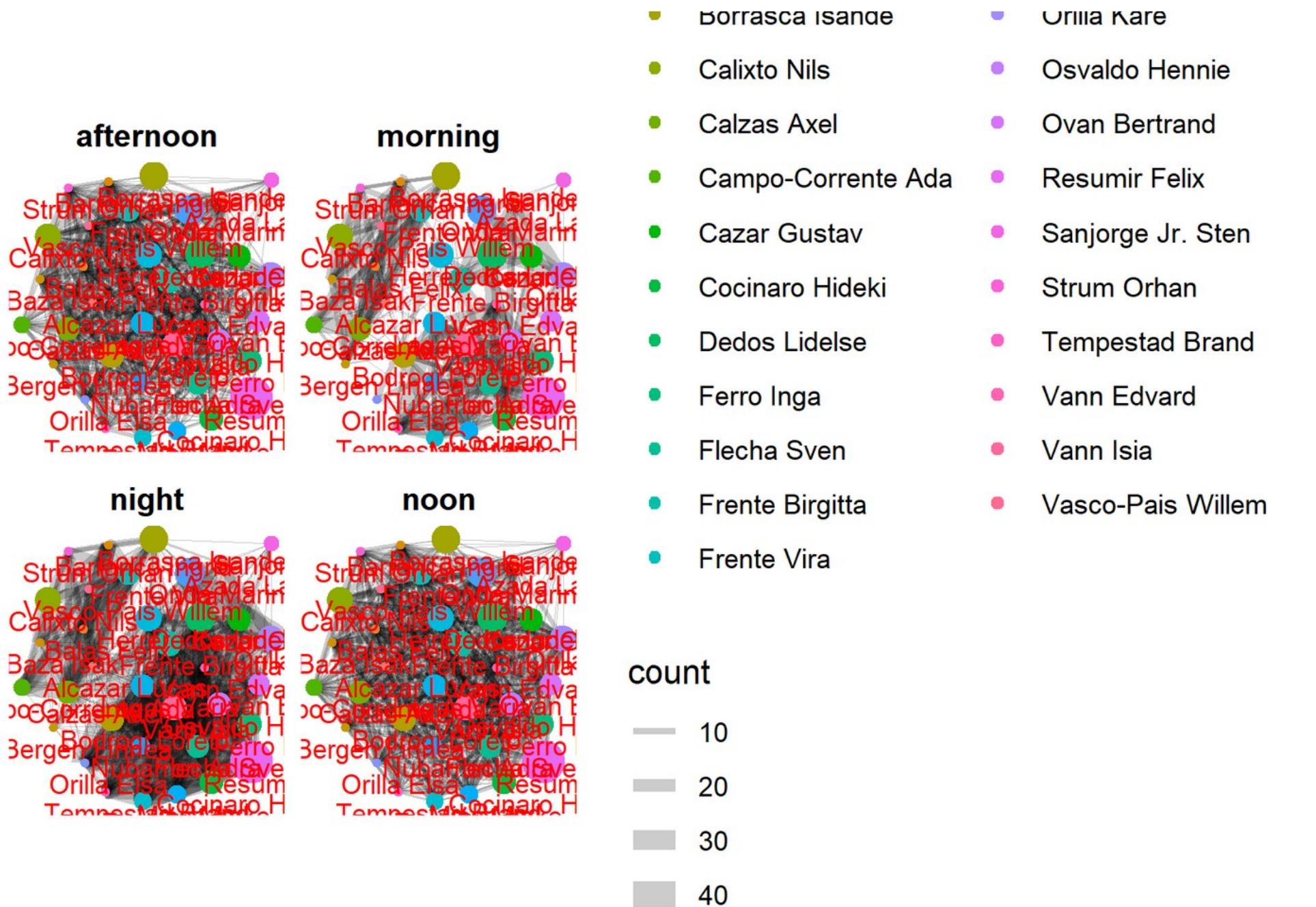
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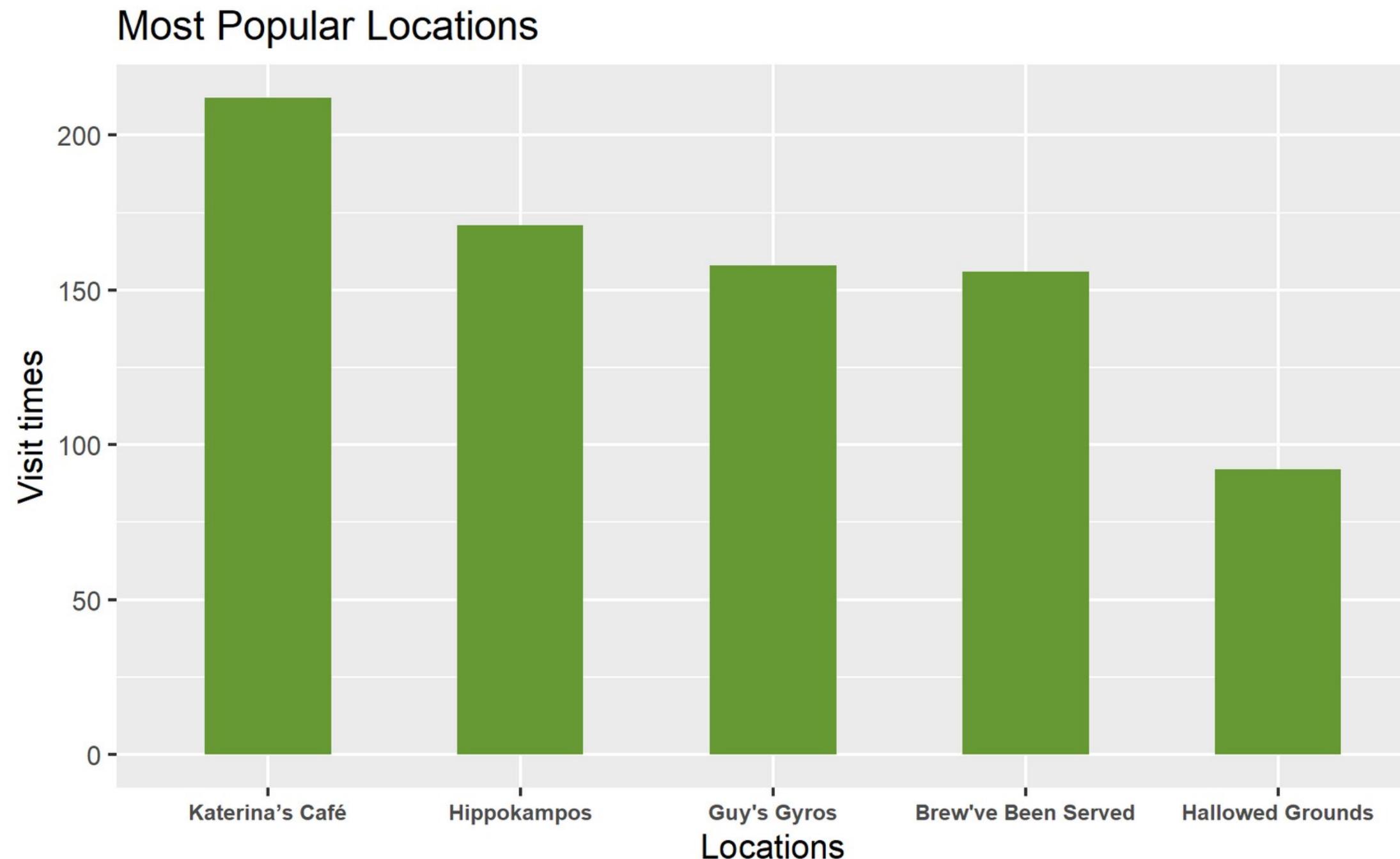
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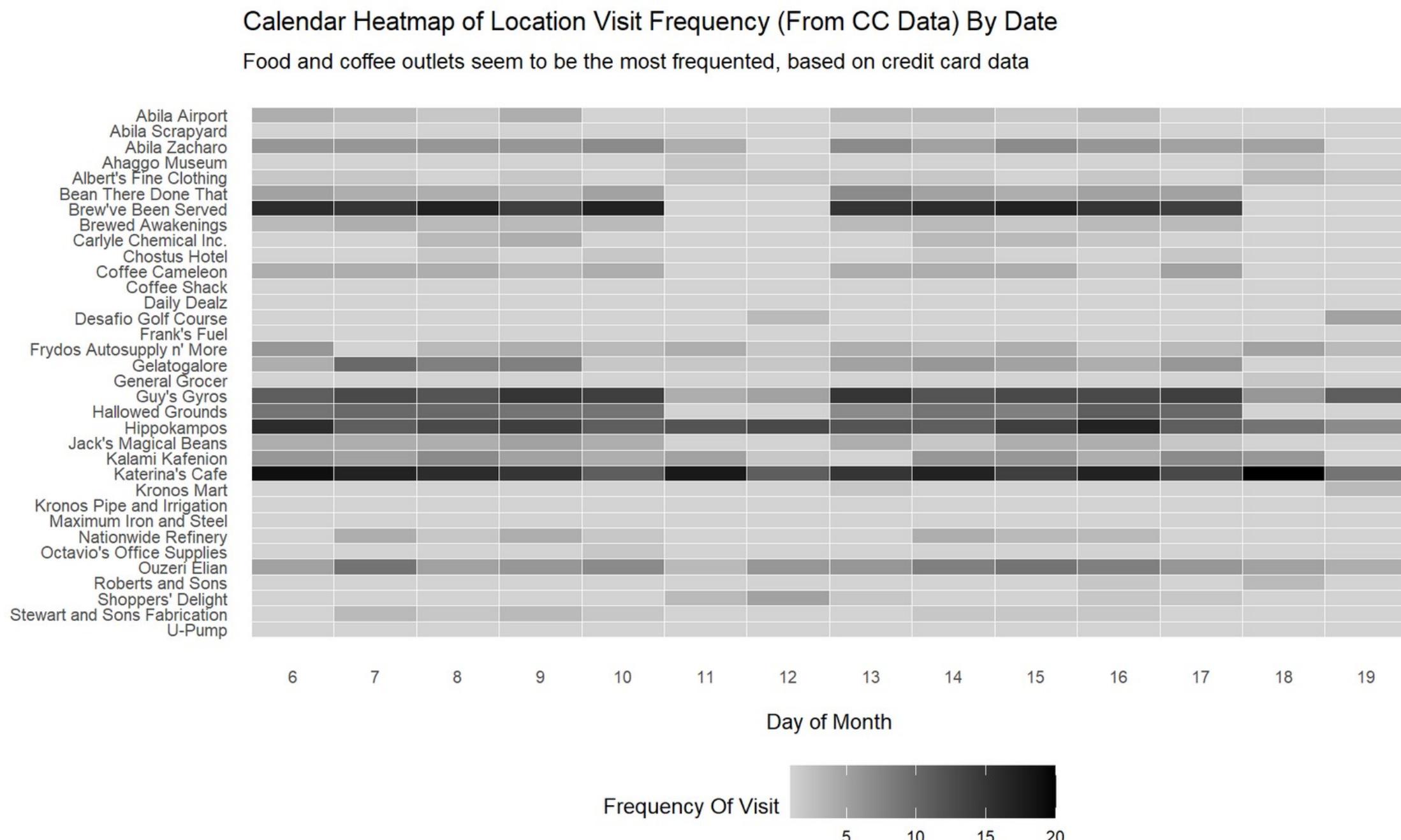
A Gentle Reminder

Show the world the good visual design priciles

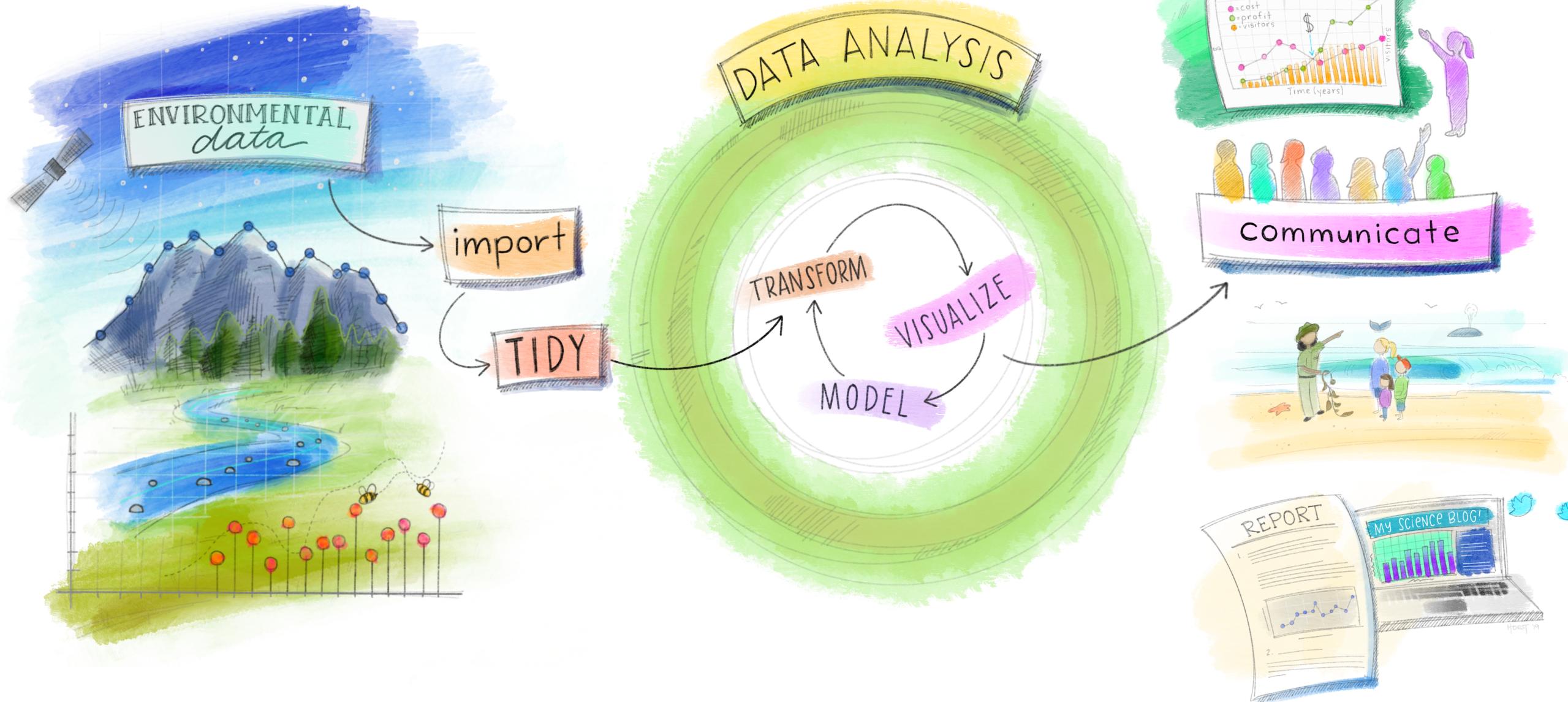


A Gentle Reminder

Show the world the good visual design principles



The bumper ride of R rollercoaster



The bumper ride of R rollercoaster



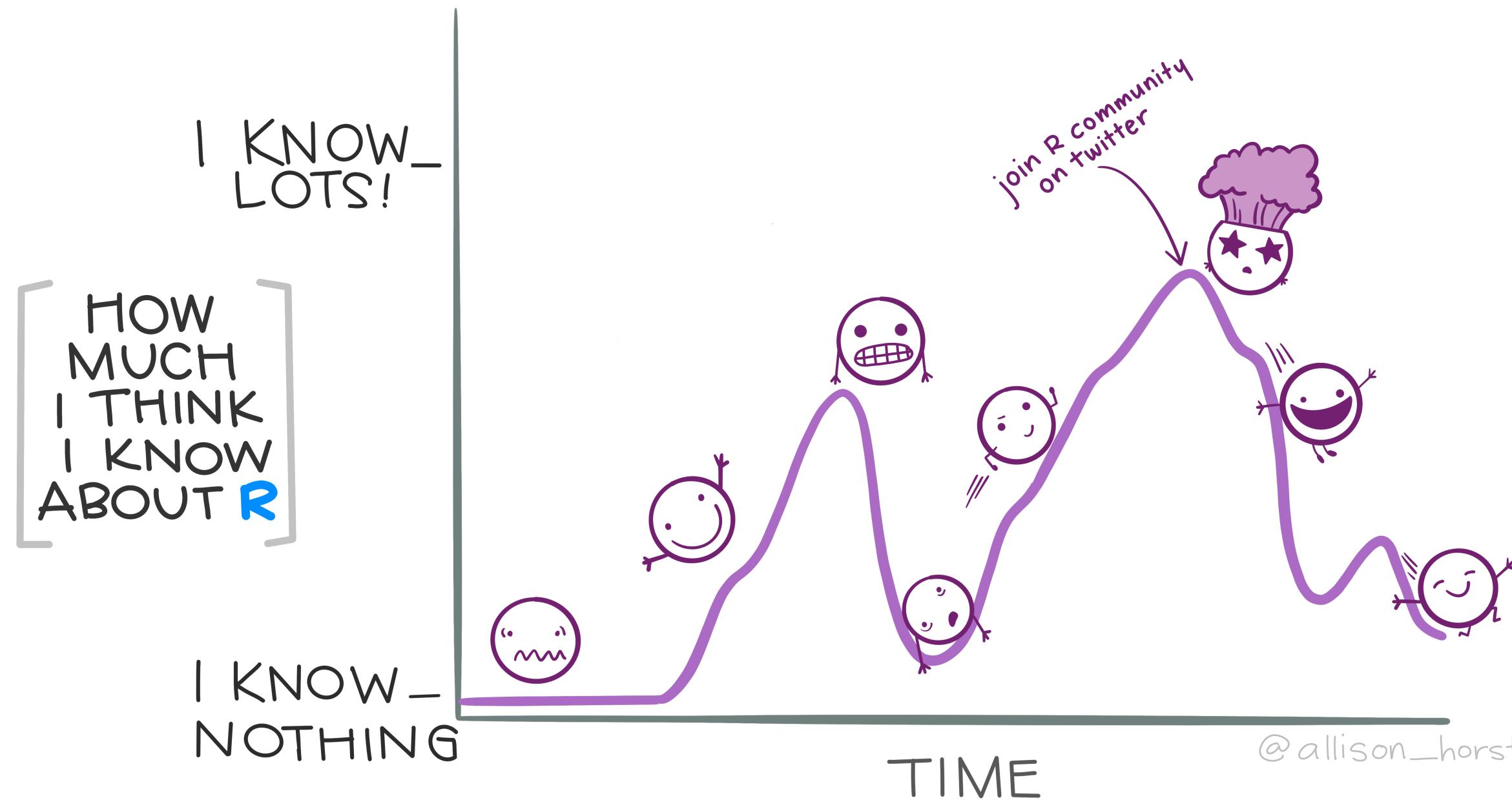
The bumper ride of R rollercoaster



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!



