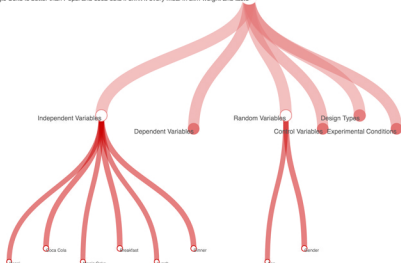# Magic Coke

Magic Coke is better than Pepsi and coca-cola if drink it every meal in slim weight and taste

Hypothesis: (Magic Coke) is better than (Pepsi) and (coca-cola) if drink it (every meal) in (slim weight) and (taste)

Three coke were tested

Pepsi
Coca Cola
Magic Coke

Independent Varaible

IV1-Type of coke: Pepsi, Coca Cola, Magic Coke

IV2-Meal time: Breakfast, Lunch, Dinner

Dependent Varaible

DV1: Slim Weight
DV2: Taste Scale

Controlled Varaible

CV1: Foot Type
CV2: Personal Health

Random Varaible

RV1: Age
RV2: Gender

Design Types

Between Subject
Within Subject

Experimental Conditions

IV1DV1: Pepsi x Breakfast,
IV1DV2: Pepsi x Lunch,
IV1DV3: Pepsi x Dinner

IV2DV1: Coca Cola x Breakfast,
IV2DV2: Coca Cola x Lunch,
IV2DV3: Coca Cola x Dinner

IV3DV1: Magic Coke x Breakfast,
IV3DV2: Magic Coke x Lunch,
IV3DV3: Magic Coke x Dinner

"Opens Magic"

The magic coke case discussed during the class is been used for visualizing different aspects of a controlled experiment

- Click index.html to start.

- Make sure the computer is connected to internet as Google fonts are used in text styling.

D3.js

Collapsible tree is been used for illustration.

The root node contains the hypothesis. 6 of it's children represent different aspects of the controlled experiment.

On clicking of the node, the tree would collapse and display its children.

Line color and node size are transformed in a linear style.

As tree extends lower, the color would getting darker and node size would become smaller.

Node height also alters to avoid words from blocking each other

HTML & CSS

The site is styled in plain CSS