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Visualization for Data Science

DS-4630 / CS-5630 / CS-6630

Group Activity: Design Sprint

Design Process

- A few weeks ago, we discussed design processes
- Today your goal is to use Munzner's model to build a visualization
 - Reminder, Munzner's model has 4 phases
 - domain problem characterization
 - data abstraction
 - visual encoding
 - algorithm

Instructions

- Start with domain characterization (i.e., what do you want to visualize about a menu that might be helpful in decision-making, sharing information, etc.)
- Perform data abstraction (this should be quick, since you did it a few weeks ago)
- Perform visual encoding (i.e., build the visualization)
 - You can use any tools you want
 - Your visualization should convey whatever your domain characterization focuses on
 - We will have a class vote for the best visualization in a few class periods (best visualization receives a small amount of extra credit)

	8oz small	12oz medium	16oz large
GUATEMALA CASI CIELO <i>floral, lemon & cocoa</i>	1.50	1.70	1.90
GUATEMALA CASI CIELO <i>de-caf</i> <i>floral, lemon & cocoa</i>	1.50	1.70	1.90
SUMATRA <i>spicy, herbal & earthy</i>	1.50	1.70	1.90
ESPRESSO	1.45	1.70	1.85
AMERICANO	1.60	1.80	2.00
CAFÉ LATTE	2.15	2.75	3.20
CAPPUCCINO	2.15	2.75	3.20
CAFÉ MOCHA	2.65	3.05	3.55
ORGANIC BREAKFAST	1.70	1.90	2.10
ORGANIC LONG LIFE GREEN TEA	1.70	1.90	2.10
MONSOON CHAI	1.70	1.90	2.10
CHAI TEA LATTE	2.40	2.95	3.35
BLACK TEA LATTE	2.20	2.55	3.20
HOT CHOCOLATE	2.50	2.75	3.00
HOMEMADE SYRUP FLAVORS	.50 each		

Submission

- Provide an image of your visualization
- Provide a short write-up, including discussions on
 - domain characterization
 - data abstraction
 - visual encoding



COFFEE
ESPRESSO
& HOT TEA

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