

Paul Rosen

paul.rosen@utah.edu  
@paulrosenphd  
<https://cspaul.com>



# Visualization for Data Science

## DS-4630 / CS-5630 / CS-6630

Group Activity: Coffee Shop Menu Abstraction

# Coffee Shop Menu Abstraction

	8oz SMALL	12oz MEDIUM	16oz LARGE
GUATEMALA CASI CIELO <i>Floral, lemon &amp; cocoa</i>	1.50	1.70	1.90
GUATEMALA CASI CIELO <i>de-caf</i> <i>Floral, lemon &amp; cocoa</i>	1.50	1.70	1.90
SUMATRA <i>Spicy, herbal &amp; 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		

## Instructions:

1. Determine all the data attributes included on the menu (around 5). For each attribute, determine the type (categorical, ordinal, or quantitative).
2. Develop some possible derived attributes, along with their type (try for 5-10).
3. Given the attributes identified in #1 and #2, build a table/spreadsheet to hold the attributes and the data.

# Coffee Shop Menu Abstraction

	8oz small	12oz medium	16oz large
GUATEMALA CASI CIELO <i>floral, lemon &amp; cocoa</i>	1.50	1.70	1.90
GUATEMALA CASI CIELO <i>de-caf</i> <i>floral, lemon &amp; cocoa</i>	1.50	1.70	1.90
SUMATRA <i>spicy, herbal &amp; 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
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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:

- Create a google sheets document
- On one sheet provide meta data (i.e., #1 and #2 from the instructions). Each attribute should have a short name, a type, and a brief description.
- Create a second sheet (same document) to hold the data (i.e., #3 from the instructions)
- Provide a link to your google sheet. Be sure to properly set permissions so that we can access it.