CS 571 - Data Visualization & Exploration

Group Activity 2: "Coffee Shop Menu Abstraction"

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UMassAmherst

Coffee Shop Menu Abstraction

HOT COFFEES					HOTTEAS				
	SHORT	TALL	GRANDE	VENTI		SHORT	TALL	GRANDE	VENTI
CAFFÈ AMERICANO	\$2.65	\$2.95	\$3.45	\$3.65	CHAITEA LATTE	\$3.85	\$3.95	\$4.65	\$4.95
CAFFÈ MISTO	\$2.85	\$2.95	\$3.35	\$3.65	CHAI TEA	\$2.35	\$2.45	\$2.75	\$2.95
FEATURED STARBUCKS DARK	\$2.15	\$2.25	\$2.65	\$2.95	EARL GREY TEA	\$2.35	\$2.45	\$2.75	\$2.95
ROAST COFFEE					TEAVANA LONDON FOG TEA LATTE	\$3.85	\$3.95	\$4.65	\$4.95
CAPPUCCINO	\$3.35	\$3.45	\$4.25	\$4.75	ROYAL ENGLISH BREAKFAST TEA	\$2.35	\$2.45	\$2.75	\$2.95
ESPRESSO	\$2.45	\$2.65	\$2.95	\$3.25	ROYAL ENGLISH BREAKFAST TEA LAT	TE \$4.15	\$4.25	\$4.75	\$4.95
ESPRESSO CON PANNA	\$2.55	\$2.75	\$3.05	\$3.35	EMPEROR'S CLOUDS & MIST	\$2.35	\$2.45	\$2.75	\$2.95
FLAT WHITE	\$4.15	\$4.25	\$4.75	\$5.25	MATCHA TEA LATTE	\$3.85	\$3.95	\$4.65	\$4.95
HONEY ALMONDMILK FLAT WHITE	\$4.85	\$4.95	\$5.45	\$5.95	HONEY CITRUS MINT TEA	\$2.85	\$2.95	\$3.45	\$3.95
PUMPKIN SPICE LATTE	\$4.75	\$4.85	\$5.45	\$5.75	JADE CITRUS MINT BREWED TEA	\$2.35	\$2.45	\$2.75	\$2.95
CAFFÈ LATTE	\$3.35	\$3.45	\$4.25	\$4.75	MINT MAJESTY	\$2.35	\$2.45	\$2.75	\$2.95

				HUTTEAS				
SHORT	TALL	GRANDE	VENTI		SHORT	TALL	GRANDE	VENTI
\$2.65	\$2.95	\$3.45	\$3.65	CHAITEA LATTE	\$3.85	\$3.95	\$4.65	\$4.95
\$2.85	\$2.95	\$3.35	\$3.65	CHAITEA	\$2.35	\$2.45	\$2.75	\$2.95
\$2.15	\$2.25	\$2.65	\$2.95	EARL GREY TEA	\$2.35	\$2.45	\$2.75	\$2.95
				TEAVANA LONDON FOG TEA LATTE	\$3.85	\$3.95	\$4.65	\$4.95
\$3.35	\$3.45	\$4.25	\$4.75	ROYAL ENGLISH BREAKFAST TEA	\$2.35	\$2.45	\$2.75	\$2.95
\$2.45	\$2.65	\$2.95	\$3.25	ROYAL ENGLISH BREAKFAST TEA LAT	TE \$4.15	\$4.25	\$4.75	\$4.95
\$2.55	\$2.75	\$3.05	\$3.35	EMPEROR'S CLOUDS & MIST	\$2.35	\$2.45	\$2.75	\$2.95
\$4.15	\$4.25	\$4.75	\$5.25	MATCHA TEA LATTE	\$3.85	\$3.95	\$4.65	\$4.95
\$4.85	\$4.95	\$5.45	\$5.95	HONEY CITRUS MINT TEA	\$2.85	\$2.95	\$3.45	\$3.95
\$4.75	\$4.85	\$5.45	\$5.75	JADE CITRUS MINT BREWED TEA	\$2.35	\$2.45	\$2.75	\$2.95
\$3.35	\$3.45	\$4.25	\$4.75	MINT MAJESTY	\$2.35	\$2.45	\$2.75	\$2.95
	\$2.65 \$2.85 \$2.15 \$3.35 \$2.45 \$2.45 \$4.15 \$4.85 \$4.75	\$2.65 \$2.95 \$2.85 \$2.95 \$2.15 \$2.25 \$3.35 \$3.45 \$2.45 \$2.65 \$2.55 \$2.75 \$4.15 \$4.25 \$4.85 \$4.95 \$4.75 \$4.85	\$2.65 \$2.95 \$3.45 \$2.85 \$2.95 \$3.35 \$2.15 \$2.25 \$2.65 \$3.35 \$3.45 \$4.25 \$2.45 \$2.65 \$2.95 \$2.55 \$2.75 \$3.05 \$4.15 \$4.25 \$4.75 \$4.85 \$4.95 \$5.45 \$4.75 \$4.85 \$5.45	\$2.65 \$2.95 \$3.45 \$3.65 \$2.85 \$2.95 \$3.35 \$3.65 \$2.15 \$2.25 \$2.65 \$2.95 \$3.35 \$3.45 \$4.25 \$4.75 \$2.45 \$2.65 \$2.95 \$3.25 \$2.55 \$2.75 \$3.05 \$3.35 \$4.15 \$4.25 \$4.75 \$5.25 \$4.85 \$4.95 \$5.45 \$5.95 \$4.75 \$4.85 \$5.45 \$5.75	SHORT TALL GRANDE VENTI \$2.65 \$2.95 \$3.45 \$3.65 CHAITEA LATTE \$2.85 \$2.95 \$3.35 \$3.65 CHAITEA \$2.15 \$2.25 \$2.65 \$2.95 EARL GREYTEA TEAVANA LONDON FOG TEA LATTE \$3.35 \$3.45 \$4.25 \$4.75 ROYAL ENGLISH BREAKFAST TEA \$2.45 \$2.65 \$2.95 \$3.25 ROYAL ENGLISH BREAKFAST TEA LATT \$2.55 \$2.75 \$3.05 \$3.35 EMPEROR'S CLOUDS & MIST \$4.15 \$4.25 \$4.75 \$5.25 MATCHATEA LATTE \$4.85 \$4.95 \$5.45 \$5.95 HONEY CITRUS MINT TEA \$4.75 \$4.85 \$5.45 \$5.75 JADE CITRUS MINT BREWED TEA	SHORT TALL GRANDE VENTI SHORT \$2.65 \$2.95 \$3.45 \$3.65 CHAI TEA LATTE \$3.85 \$2.85 \$2.95 \$3.35 \$3.65 CHAI TEA \$2.35 \$2.15 \$2.25 \$2.65 \$2.95 EARL GREY TEA \$2.35 \$3.35 \$3.45 \$4.25 \$4.75 ROYAL ENGLISH BREAKFAST TEA \$2.35 \$2.45 \$2.65 \$2.95 \$3.25 ROYAL ENGLISH BREAKFAST TEA LATTE \$4.15 \$2.55 \$2.75 \$3.05 \$3.35 EMPEROR'S CLOUDS & MIST \$2.35 \$4.15 \$4.25 \$4.75 \$5.25 MATCHA TEA LATTE \$3.85 \$4.85 \$4.95 \$5.45 \$5.95 HONEY CITRUS MINT TEA \$2.85 \$4.75 \$4.85 \$5.45 \$5.75 JADE CITRUS MINT BREWED TEA \$2.35	SHORT TALL GRANDE VENTI SHORT TALL \$2.65 \$2.95 \$3.45 \$3.65 CHAI TEA LATTE \$3.85 \$3.95 \$2.85 \$2.95 \$3.35 \$3.65 CHAI TEA \$2.35 \$2.45 \$2.15 \$2.25 \$2.65 \$2.95 EARL GREY TEA \$2.35 \$2.45 \$2.15 \$2.25 \$2.65 \$2.95 EARL GREY TEA \$2.35 \$2.45 \$3.35 \$3.45 \$4.25 \$4.75 ROYAL ENGLISH BREAKFAST TEA \$2.35 \$2.45 \$2.45 \$2.65 \$2.95 \$3.25 ROYAL ENGLISH BREAKFAST TEA LATTE \$4.25 \$4.75 \$5.25 MATCHA TEA LATTE \$3.85 \$3.95 \$4.85 \$4.95 \$5.45 \$5.95 HONEY CITRUS MINT TEA \$2.85 \$2.95	SHORT TALL GRANDE VENTI SHORT TALL GRANDE \$2.65 \$2.95 \$3.45 \$3.65 CHAI TEA LATTE \$3.85 \$3.95 \$4.65 \$2.85 \$2.95 \$3.35 \$3.65 CHAI TEA \$2.35 \$2.45 \$2.75 \$2.15 \$2.25 \$2.65 \$2.95 EARL GREY TEA \$2.35 \$2.45 \$2.75 \$3.35 \$3.45 \$4.25 \$4.75 ROYAL ENGLISH BREAKFAST TEA \$2.35 \$2.45 \$2.75 \$2.45 \$2.65 \$2.95 \$3.25 ROYAL ENGLISH BREAKFAST TEA LATTE \$4.15 \$4.25 \$4.75 \$2.55 \$2.75 \$3.05 \$3.35 EMPEROR'S CLOUDS & MIST \$2.35 \$2.45 \$2.75 \$4.15 \$4.25 \$4.75 \$5.25 MATCHA TEA LATTE \$3.85 \$3.95 \$4.65 \$4.85 \$4.95 \$5.45 \$5.95 HONEY CITRUS MINT TEA \$2.85 \$2.95 \$3.45 \$4.75 \$4.85 \$5.45 \$5.75 JADE CITRUS MINT BREWED TEA </td

- 1. Create a shared Google Sheet (add group member names in the title)
- 2.On one sheet, provide metadata:
 - a. **Determine** all of the **data attributes** included on the menu (around 5 or 6). For each attribute, **determine the type** (categorical, ordinal, or quantitative)
 - b. Create some possible derived attributes and determine their types
 - c. For each attribute (original and derived), write the attribute name, the type, and a brief description of what this attribute refers to (like you would write in a README)
- 3. Copy the data (original and derived) into a second sheet (same document)
- 4. Submit a link to your Google sheet (be sure to ensure permissions are enabled)