

# CS 571 - Data Visualization & Exploration

Group Activity 2: “Coffee Shop Menu Abstraction”

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# Coffee Shop Menu Abstraction

## HOT COFFEES

	SHORT	TALL	GRANDE	VENTI
CAFFÈ AMERICANO	\$2.65	\$2.95	\$3.45	\$3.65
CAFFÈ MISTO	\$2.85	\$2.95	\$3.35	\$3.65
FEATURED STARBUCKS DARK ROAST COFFEE	\$2.15	\$2.25	\$2.65	\$2.95
CAPPUCCINO	\$3.35	\$3.45	\$4.25	\$4.75
ESPRESSO	\$2.45	\$2.65	\$2.95	\$3.25
ESPRESSO CON PANNA	\$2.55	\$2.75	\$3.05	\$3.35
FLAT WHITE	\$4.15	\$4.25	\$4.75	\$5.25
HONEY ALMONDMILK FLAT WHITE	\$4.85	\$4.95	\$5.45	\$5.95
PUMPKIN SPICE LATTE	\$4.75	\$4.85	\$5.45	\$5.75
CAFFÈ LATTE	\$3.35	\$3.45	\$4.25	\$4.75

## HOT TEAS

	SHORT	TALL	GRANDE	VENTI
CHAI TEA LATTE	\$3.85	\$3.95	\$4.65	\$4.95
CHAI TEA	\$2.35	\$2.45	\$2.75	\$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
ROYAL ENGLISH BREAKFAST TEA	\$2.35	\$2.45	\$2.75	\$2.95
ROYAL ENGLISH BREAKFAST TEA LATTE	\$4.15	\$4.25	\$4.75	\$4.95
EMPEROR'S CLOUDS & MIST	\$2.35	\$2.45	\$2.75	\$2.95
MATCHA TEA LATTE	\$3.85	\$3.95	\$4.65	\$4.95
HONEY CITRUS MINT TEA	\$2.85	\$2.95	\$3.45	\$3.95
JADE CITRUS MINT BREWED TEA	\$2.35	\$2.45	\$2.75	\$2.95
MINT MAJESTY	\$2.35	\$2.45	\$2.75	\$2.95



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

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)