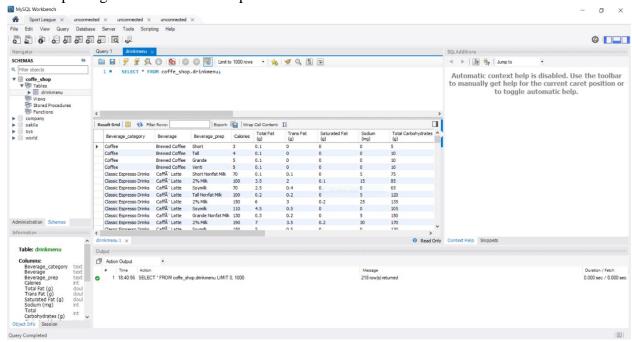
Database Task

- I used MySQL Workbench 8.0 CE to connect to MySQL Server and import the excel sheet easily.

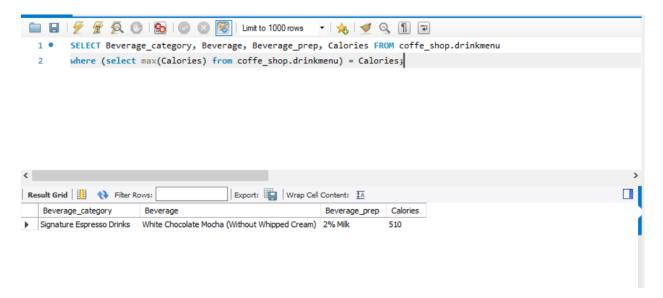
Import dataset

- After importing the excel file the imported data shown as below

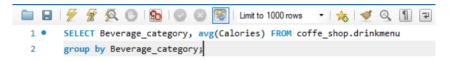


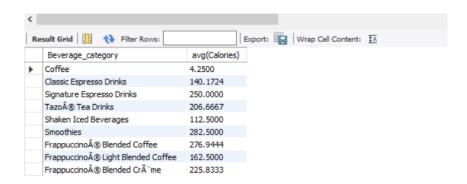
• Which drink has the highest calories from the dataset?

- First, get the maximum calorie in "Calories" column using aggregate function.
- But the return will be the maximum value, to know this value belong to any Beverage go to next step.
- Then, compare each Beverage in the original table with the max to find the maximum.



- The maximum calorie is 510 and belong to "Signature Espresso Drinks White Chocolate Mocha (Without Whipped Cream) 2% Milk".
 - What is the average calorie amount for each drink category?
- To apply this query, I will use aggregate function "avg" grouped by "Beverage_category"





• Which drinks have below average calorie amount?

- I used WITH-Clause to use the previous query as temp table to use it in this query.
- Check each calorie in the original table if lower than its corresponding category average calorie or not.
- If yes, show it but if no don't show.



	beverage_category	beverage	beverage_prep	calories
١	Coffee	Brewed Coffee	Tall	4
	Coffee	Brewed Coffee	Short	3
	Classic Espresso Drinks	Skinny Latte (Any Flavour)	Grande Nonfat Milk	120
	Classic Espresso Drinks	Skinny Latte (Any Flavour)	Tall Nonfat Milk	100
	Classic Espresso Drinks	Skinny Latte (Any Flavour)	Short Nonfat Milk	60
	Classic Espresso Drinks	Espresso	Doppio	10
	Classic Espresso Drinks	Espresso	Solo	5
	Classic Espresso Drinks	Cappuccino	Soymilk	120
	Classic Espresso Drinks	Cappuccino	Venti Nonfat Milk	110
	Classic Espresso Drinks	Cappuccino	Soymilk	100
	Classic Espresso Drinks	Cappuccino	2% Milk	120
	Classic Espresso Drinks	Cappuccino	Grande Nonfat Milk	80
	Classic Espresso Drinks	Cappuccino	Soymilk	70
	Classic Espresso Drinks	Cappuccino	2% Milk	90
	Classic Espresso Drinks	Cappuccino	Tall Nonfat Milk	60
	Classic Espresso Drinks	Cappuccino	Soymilk	50
	Classic Espresso Drinks	Cappuccino	2% Milk	80
	Classic Espresso Drinks	Cappuccino	Short Nonfat Milk	50
	Classic Espresso Drinks	Caffà " Americano	Venti	25
	Classic Espresso Drinks	Caffà " Americano	Grande	15
	Classic Espresso Drinks	Caffà " Americano	Tall	10
	Classic Espresso Drinks	CaffÃ" Americano	Short	5
	Classic Espresso Drinks	Vanilla Latte (Or Other Fla	Sovmilk	110

beverage_category	beverage	beverage_prep	calories
Classic Espresso Drinks	Vanilla Latte (Or Other Fla	2% Milk	130
Classic Espresso Drinks	Vanilla Latte (Or Other Fla	Short Nonfat Milk	100
Classic Espresso Drinks	Caffà " Mocha (Without	Soymilk	110
Classic Espresso Drinks	Caffà " Mocha (Without	2% Milk	130
Classic Espresso Drinks	Caffà " Mocha (Without	Short Nonfat Milk	110
Classic Espresso Drinks	Caffè Latte	Grande Nonfat Milk	130
Classic Espresso Drinks	CaffÃ" Latte	Soymilk	110
Classic Espresso Drinks	Caffè Latte	Tall Nonfat Milk	100
Classic Espresso Drinks	CaffÃ" Latte	Soymilk	70
Classic Espresso Drinks	Caffè Latte	2% Milk	100
Classic Espresso Drinks	CaffÃ" Latte	Short Nonfat Milk	70
Signature Espresso Dr	Caramel Apple Spice (Wit	Tall	210
Signature Espresso Dr	Caramel Apple Spice (Wit	Short	140
Signature Espresso Dr	Hot Chocolate (Without	Grande Nonfat Milk	240
Signature Espresso Dr	Hot Chocolate (Without	Soymilk	200
Signature Espresso Dr	Hot Chocolate (Without	2% Milk	230
Signature Espresso Dr	Hot Chocolate (Without	Tall Nonfat Milk	190
Signature Espresso Dr	Hot Chocolate (Without	Soymilk	130
Signature Espresso Dr	Hot Chocolate (Without	2% Milk	150
Signature Espresso Dr	Hot Chocolate (Without	Short Nonfat Milk	130
Signature Espresso Dr	White Chocolate Mocha (Soymilk	180
Signature Espresso Dr	White Chocolate Mocha (2% Milk	200
Signature Espresso Dr	White Chocolate Mocha (Short Nonfat Milk	180

beverage_category	beverage	beverage_prep	calories
Signature Espresso Dr	Caramel Macchiato	Venti Nonfat Milk	240
Signature Espresso Dr	Caramel Macchiato	Soymilk	200
Signature Espresso Dr	Caramel Macchiato	2% Milk	240
Signature Espresso Dr	Caramel Macchiato	Grande Nonfat Milk	190
Signature Espresso Dr	Caramel Macchiato	Soymilk	150
Signature Espresso Dr	Caramel Macchiato	2% Milk	180
Signature Espresso Dr	Caramel Macchiato	Tall Nonfat Milk	140
Signature Espresso Dr	Caramel Macchiato	Soymilk	100
Signature Espresso Dr	Caramel Macchiato	2% Milk	120
Signature Espresso Dr	Caramel Macchiato	Short Nonfat Milk	100
Tazo® Tea Drinks	Tazo® Full-Leaf Red Te	Venti Nonfat Milk	190
Tazo® Tea Drinks	Tazo® Full-Leaf Red Te	Soymilk	170
Tazo® Tea Drinks	Tazo® Full-Leaf Red Te	2% Milk	190
Tazo® Tea Drinks	Tazo® Full-Leaf Red Te	Grande Nonfat Milk	150
Tazo® Tea Drinks	Tazo® Full-Leaf Red Te	Soymilk	130
Tazo® Tea Drinks	Tazo® Full-Leaf Red Te	2% Milk	140
Tazo® Tea Drinks	Tazo® Full-Leaf Red Te	Tall Nonfat Milk	120
Tazo® Tea Drinks	Tazo® Full-Leaf Red Te	Soymilk	80
Tazo® Tea Drinks	Tazo® Full-Leaf Red Te	2% Milk	90
Tazo® Tea Drinks	Tazo® Full-Leaf Red Te	Short Nonfat Milk	80
Tazo® Tea Drinks	Tazo® Green Tea Latte	Soymilk	140
Tazo® Tea Drinks	Tazo® Green Tea Latte	2% Milk	170
Tazo® Tea Drinks	Tazo® Green Tea Latte	Short Nonfat Milk	130

beverage_category	beverage	beverage_prep	calories
Tazo® Tea Drinks	Tazo® Chai Tea Latte	Soymilk	160
Tazo® Tea Drinks	Tazo® Chai Tea Latte	2% Milk	190
Tazo® Tea Drinks	Tazo® Chai Tea Latte	Tall Nonfat Milk	160
Tazo® Tea Drinks	Tazo® Chai Tea Latte	Soymilk	110
Tazo® Tea Drinks	Tazo® Chai Tea Latte	2% Milk	120
Tazo® Tea Drinks	Tazo® Chai Tea Latte	Short Nonfat Milk	100
Shaken Iced Beverages	Shaken Iced Tazo® Tea	Tall	60
Shaken Iced Beverages	Iced Brewed Coffee (With	Soymilk	110
Shaken Iced Beverages	Iced Brewed Coffee (With	Grande Nonfat Milk	110
Shaken Iced Beverages	Iced Brewed Coffee (With	Soymilk	80
Shaken Iced Beverages	Iced Brewed Coffee (With	Tall Nonfat Milk	80
Shaken Iced Beverages	Iced Brewed Coffee (With	Grande	90
Shaken Iced Beverages	Iced Brewed Coffee (With	Tall	60
Smoothies	Orange Mango Banana S	Soymilk	270
Smoothies	Orange Mango Banana S	2% Milk	270
Smoothies	Orange Mango Banana S	Grande Nonfat Milk	260
Frappuccino® Blend	Java Chip (Without Whipp	Soymilk	220
Frappuccino® Blend	Java Chip (Without Whipp	Whole Milk	240
Frappuccino® Blend	Java Chip (Without Whipp	Tall Nonfat Milk	220
Frappuccino® Blend	Caramel (Without Whippe	Soymilk	260
Frappuccino® Blend	Caramel (Without Whippe	Soymilk	180
Frappuccino® Blend	Caramel (Without Whippe	Whole Milk	200
Frappuccino® Blend	Caramel (Without Whippe	Tall Nonfat Milk	180

beverage_category	beverage	beverage_prep	calories
Frappuccino® Blend	Mocha (Without Whipped	Grande Nonfat Milk	260
Frappuccino® Blend	Mocha (Without Whipped	Soymilk	180
Frappuccino® Blend	Mocha (Without Whipped	Whole Milk	200
Frappuccino® Blend	Mocha (Without Whipped	Tall Nonfat Milk	180
Frappuccino® Blend	Coffee	Soymilk	220
Frappuccino® Blend	Coffee	Whole Milk	240
Frappuccino® Blend	Coffee	Grande Nonfat Milk	220
Frappuccino® Blend	Coffee	Soymilk	160
Frappuccino® Blend	Coffee	Whole Milk	180
Frappuccino® Blend	Coffee	Tall Nonfat Milk	160
Frappuccino® Light	Java Chip	Tall Nonfat Milk	150
Frappuccino® Light	Caramel	Grande Nonfat Milk	150
Frappuccino® Light	Caramel	Tall Nonfat Milk	100
Frappuccino® Light	Mocha	Grande Nonfat Milk	150
Frappuccino® Light	Mocha	Tall Nonfat Milk	110
Frappuccino® Light	Coffee	Venti Nonfat Milk	160
Frappuccino® Light	Coffee	Grande Nonfat Milk	120
Frappuccino® Light	Coffee	Tall Nonfat Milk	90
Frappuccino® Blend	Vanilla Bean (Without Whi	Soymilk	180
Frappuccino® Blend	Vanilla Bean (Without Whi	Whole Milk	200
Frappuccino® Blend	Vanilla Bean (Without Whi	Tall Nonfat Milk	170
Frappuccino® Blend	Strawberries & Crà "me (Soymilk	170
Frappuccino® Blend	Strawberries & Crà "me (Whole Milk	190
Frappuccino® Blend	Strawberries & Crà "me (Tall Nonfat Milk	170