



Eating Out VS Eating In

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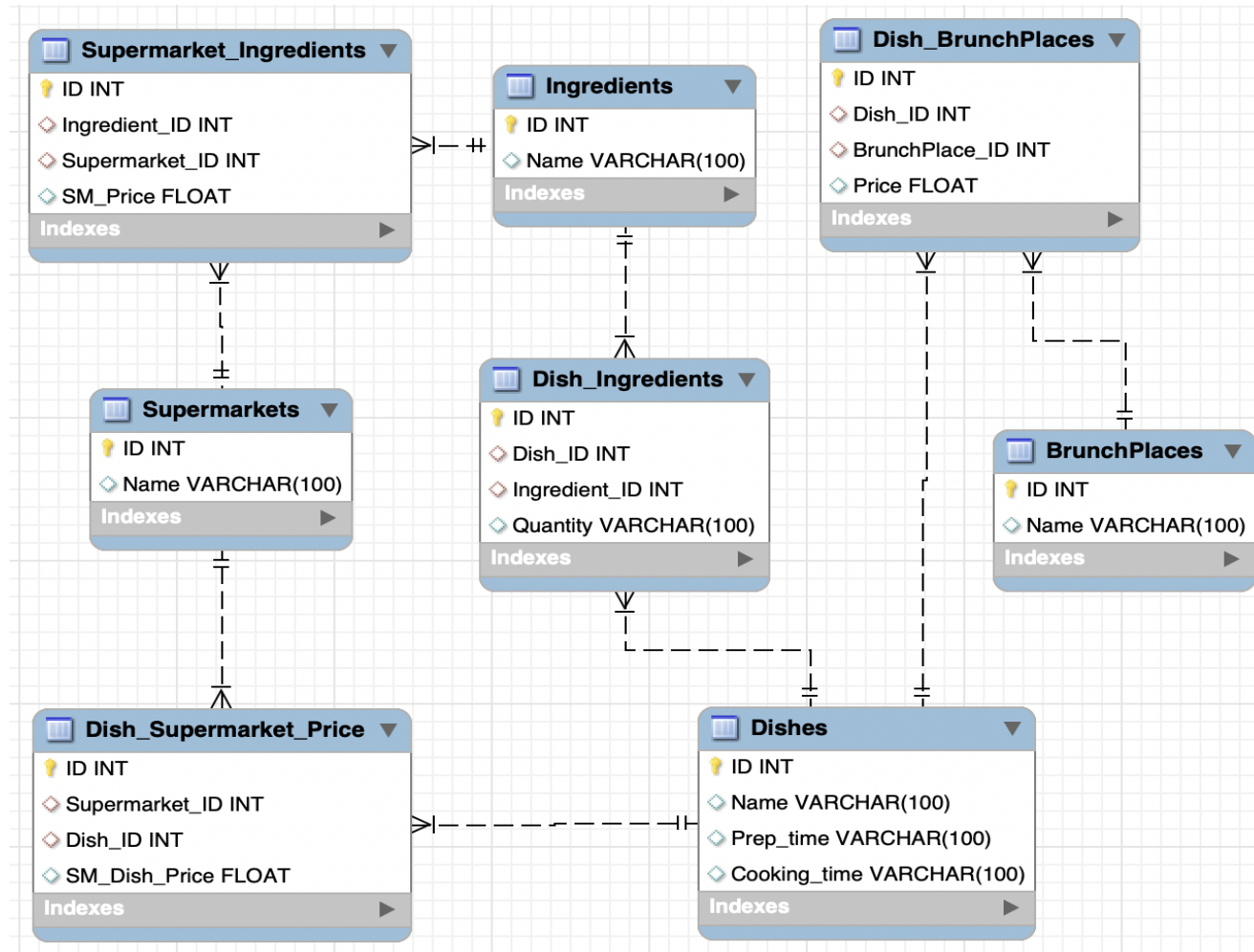
Introduction

- The main goal of this project is to compare the experience and cost of eating out versus eating at home. I decided to focus on neighbourhood spots and brunch dishes to keep things simple. Added three supermarkets to do price check.
- In this project, variations arise between dining out and eating at home due to factors like recipe differences, variable product quantities, varying product quality, the social experience of dining out, labour considerations, and the ambiance of the location. These environmental variables are consistent across all places considered. Recipes are sourced from BBC Good Food, and ingredients are obtained from Tesco, Morrison, and Sainsbury supermarkets.
- I had four key questions on my radar, but the primary one was:

1) Eating out vs. Eating in?

According to my findings with Pancake, Avocado on Toast, and Full English Breakfast, making it at home is the cheaper way to do it. But when it comes to Egg Royal, treating yourself out might just be worth it.

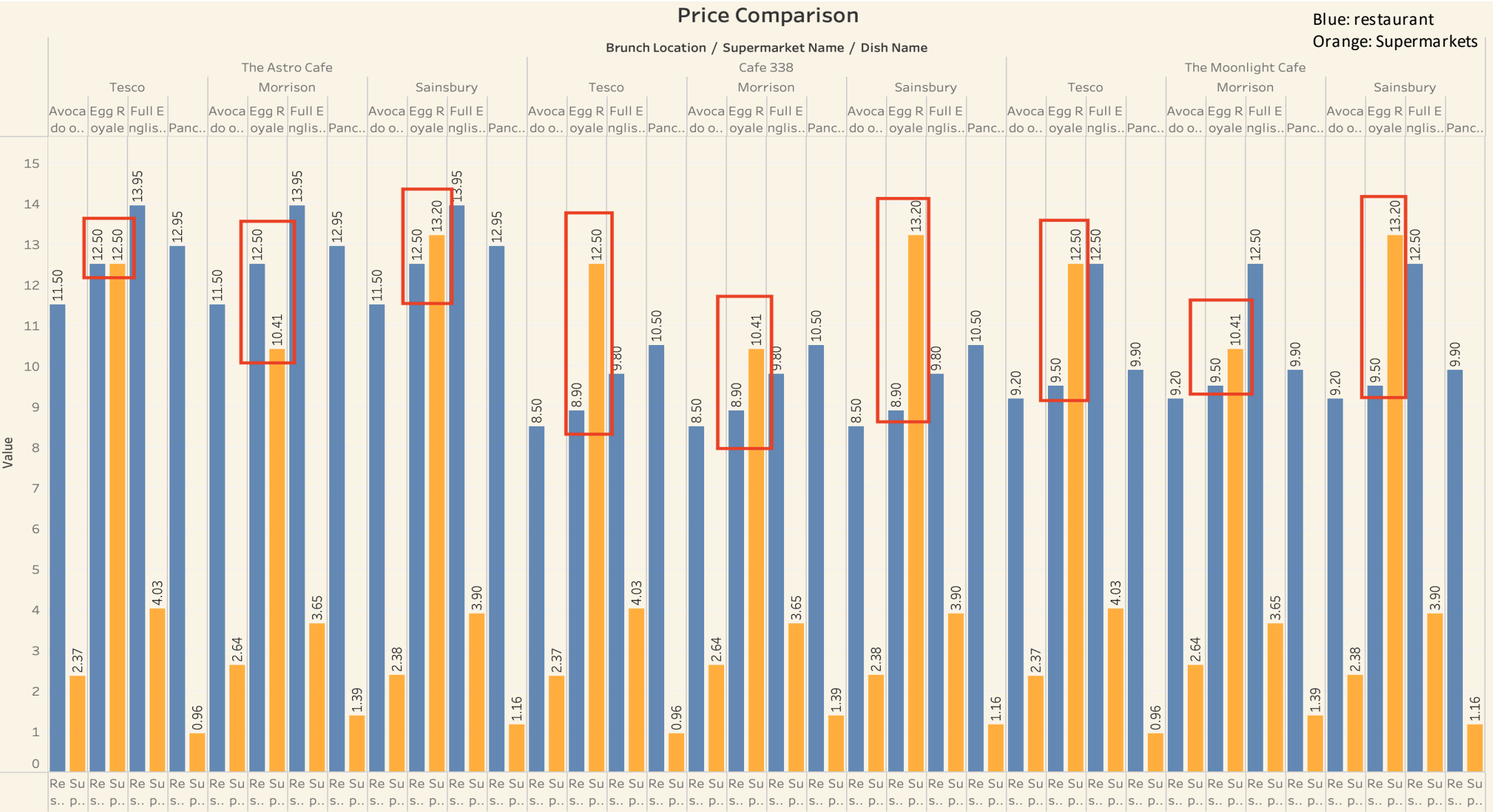
ERR DIAGRAM - Relationships



Highlights:

- I began to setting up database four main tables: Supermarkets, Dishes, BrunchPlaces, and Ingredients.
- All are relationships with in this database are Many to Many.
- Therefore intermediary tables
- were used to maintain 3rd Nominal Form (3NF) .

2) Is there any dish cheaper to eat out than to make it at home?

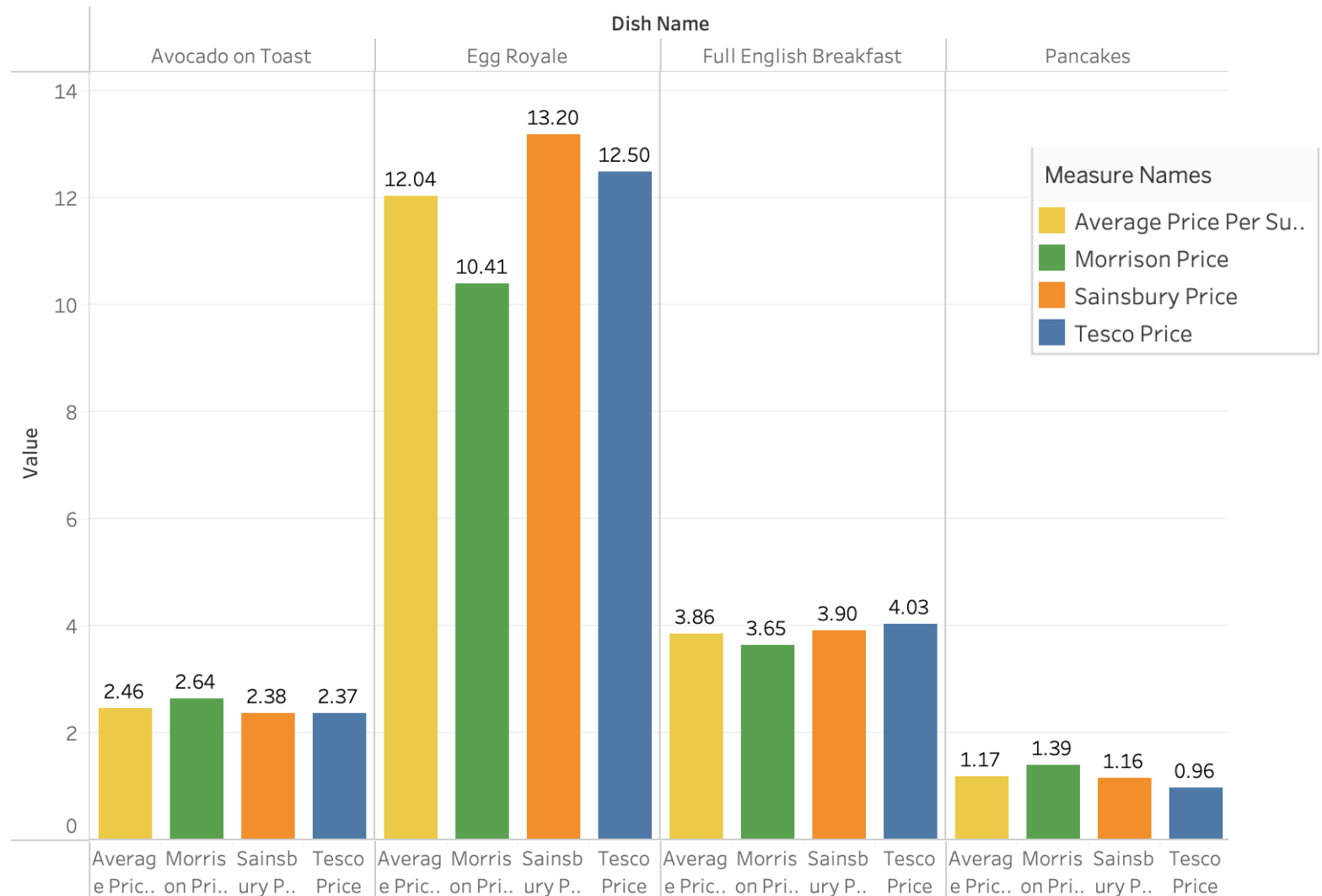


3) How are supermarkets competing with their prices?

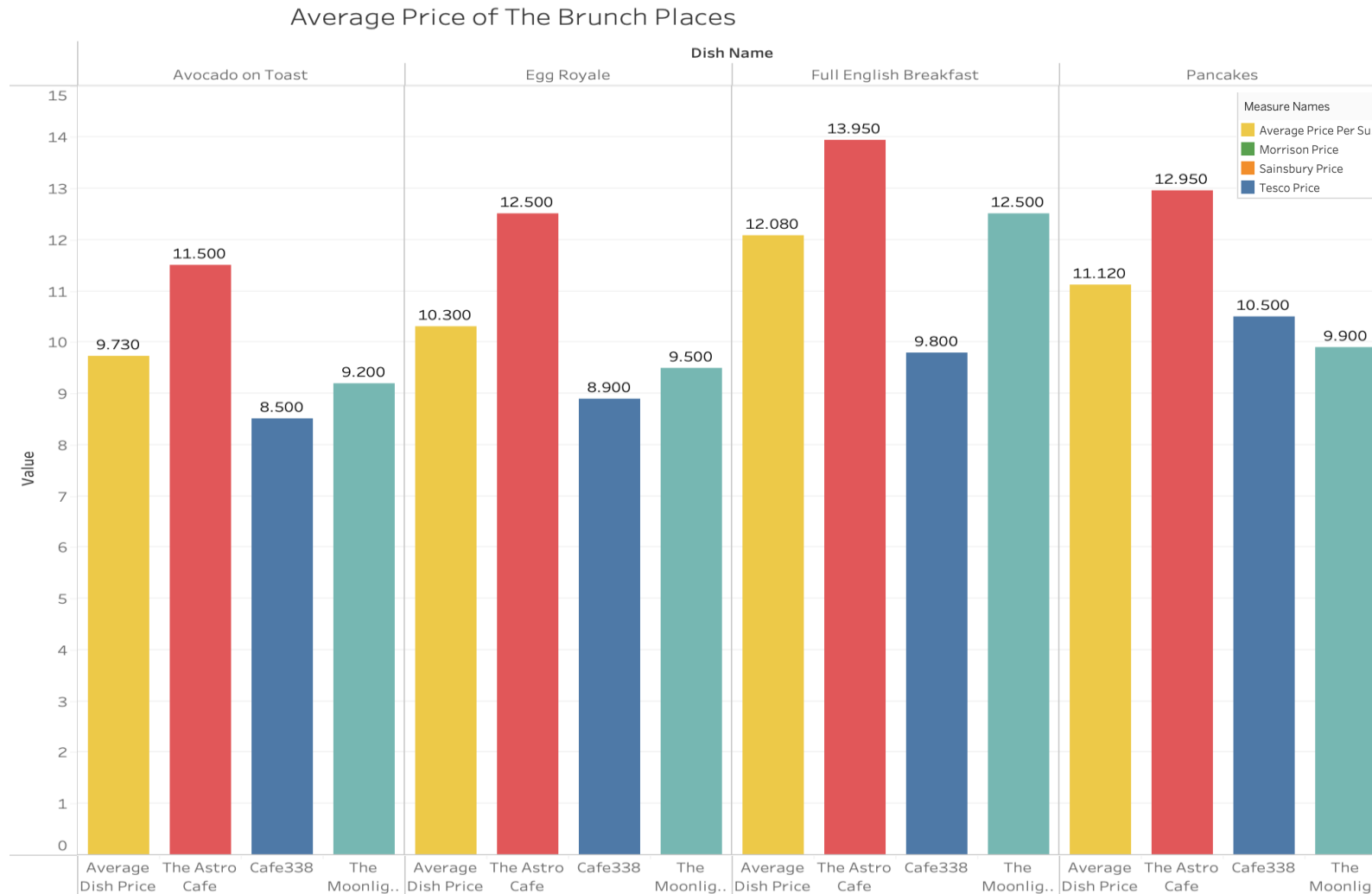
Highlights:

- Comparison between dish prices most expensive dish is Egg royal, cheapest one is Pancake.
- The reason why there is a big price difference between egg royal and others is that it contains Smoked Salmon.
- According to pancake, the cheapest option is Tesco, most expensive option is Morrison.
- According to Egg royal, the cheapest Morrison, most expensive is Sainsbury.
- Overall the cheapest Supermarket to buy all of the products, Morrison £18.09, Sainsbury £20.64, and Tesco £20.84.

Supermarket Average Prices



4) What is the average dish price among the brunch places?



Highlights:

- Comparison between dish prices most expensive dish is Full English Breakfast, cheapest one is Avocado On Toast.
- According to Full English Breakfast, the cheapest place to eat Café 338, most expensive place to eat The Astro Cafe.
- According to Avocado On Toast, the cheapest place Café 338, most expensive place to eat The Astro.
- Overall the comparison to cheapest to expensive places Café 338 the cheapest, The Moonlight Café in the middle band, The Astro Café the most expensive.