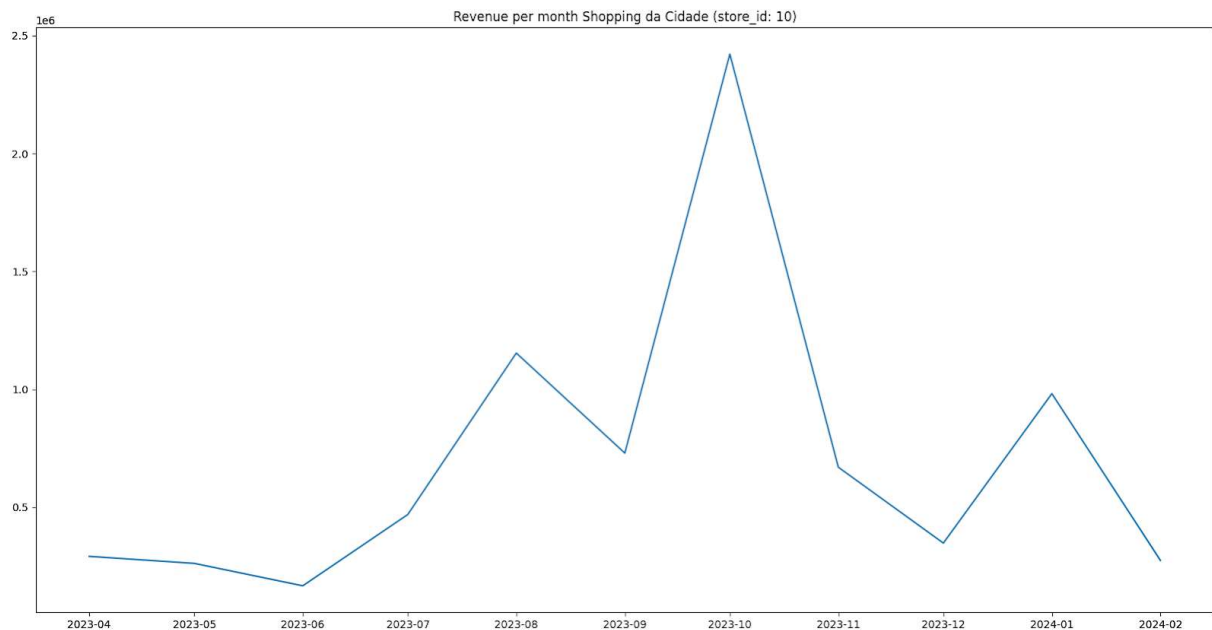


Summary:

- “Explore the total revenue of each restaurant along each month” done
- “Nutritional Quality Prediction”: explored the model involved (RecipeFT and RecipeBERT for text embedding, and EDAMAM dataset for nutrition quality prediction).

Total revenue sample plot



Nutritional Quality Prediction:

- RecipeBERT:
 - Example: food_data = "Hawaiian Pizza" -> Mean pooling
 - Not sure if this correctly generates the text embedding.
- EDAMAM food API:
 - Example: food_data = "coffee and croissant" -> Nutrition JSON
 - Needs to figure out the JSON structure to extract essential info
- EDAMAM nutrition API:
 - Example: ingredient = ['1 large apple', '1 cup of green tea'] -> Nutrition JSON
 - Ingredients to nutrition

For now, a lot of things are unclear and need further exploration. Expect to get more done next week as this week is quite busy for me.

