



## **ChatGPT**







### **Brainstorming**

Included steps from data cleaning to reporting results



- Increased efficiency
- Solved errors quickly







## **Solo Programming**

- Used Python packages
- Needed **minor changes** to run without error

### Pair Programming

- Built upon previous prompts/responses
- Increased understanding







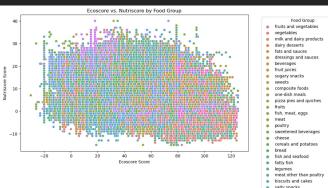


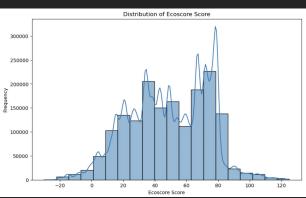
## **ChatGPT Visuals**



#### Observations:

- Creative visuals
- Include titles, labels, and colors
- Challenging to interpret with large data













# **Human Findings**





#### **Nutritional Value**

- **Chocolate** found to be least nutritional
- Least nutritious foods were high in carbs & fat



### Weights

- Ecuador, Peru, and Bulgaria had largest average food weight in grams
- Weights not standardized





 Lean fish found worst for environment

## **Food Groups**

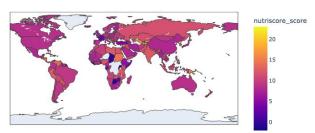
- Fruits & Vegetables are both the most nutritious and eco-friendly group
- Sugary snacks and Fish/Meat/Eggs are worst



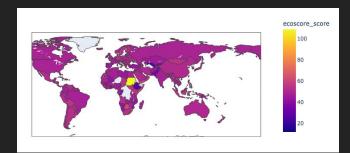








Countries by average nutriscore



Countries by average ecoscore



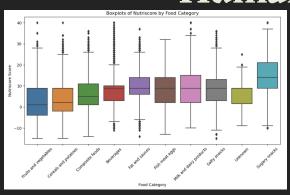
Food categories with lowest average weight

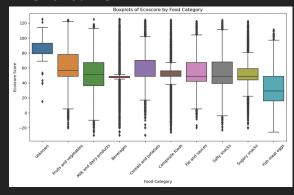


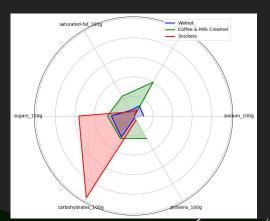


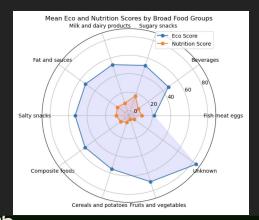


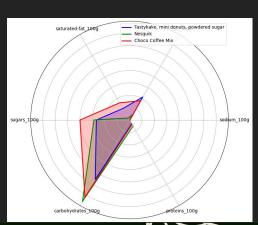
## **Human Visuals**















### **Application**

Creativity is prevalent in both approaches, but ChatGPT could not make actionable insights without further guidance



## Efficiency

Al could write code that is significantly more concise.



## Bugs

Assessing errors with Al was significantly faster and more readily available than online solutions.





