



Environmental Cost of Different Food Products

Exploring selfvivek's Kaggle dataset "Environmental Impact of Food Production"

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Categories of environmental impact tracked for each type of food product

- Land use
- Water Use
 - Scarcity-weighted
 - Freshwater withdrawals
- Greenhouse Gas Emissions
- Eutrophying Emissions

expressed per 1000 kcal, per kilogram,
and per 100 g protein

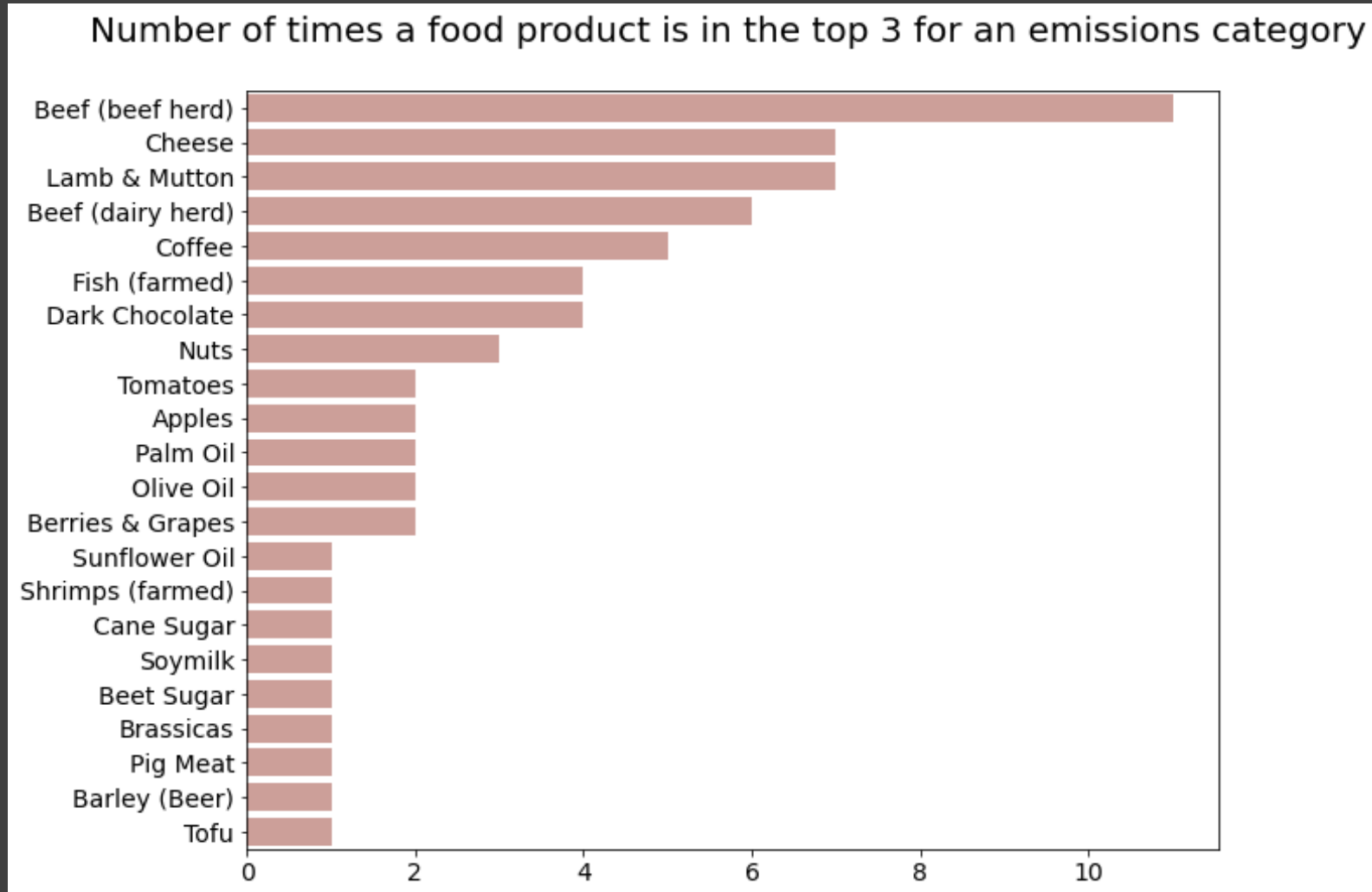
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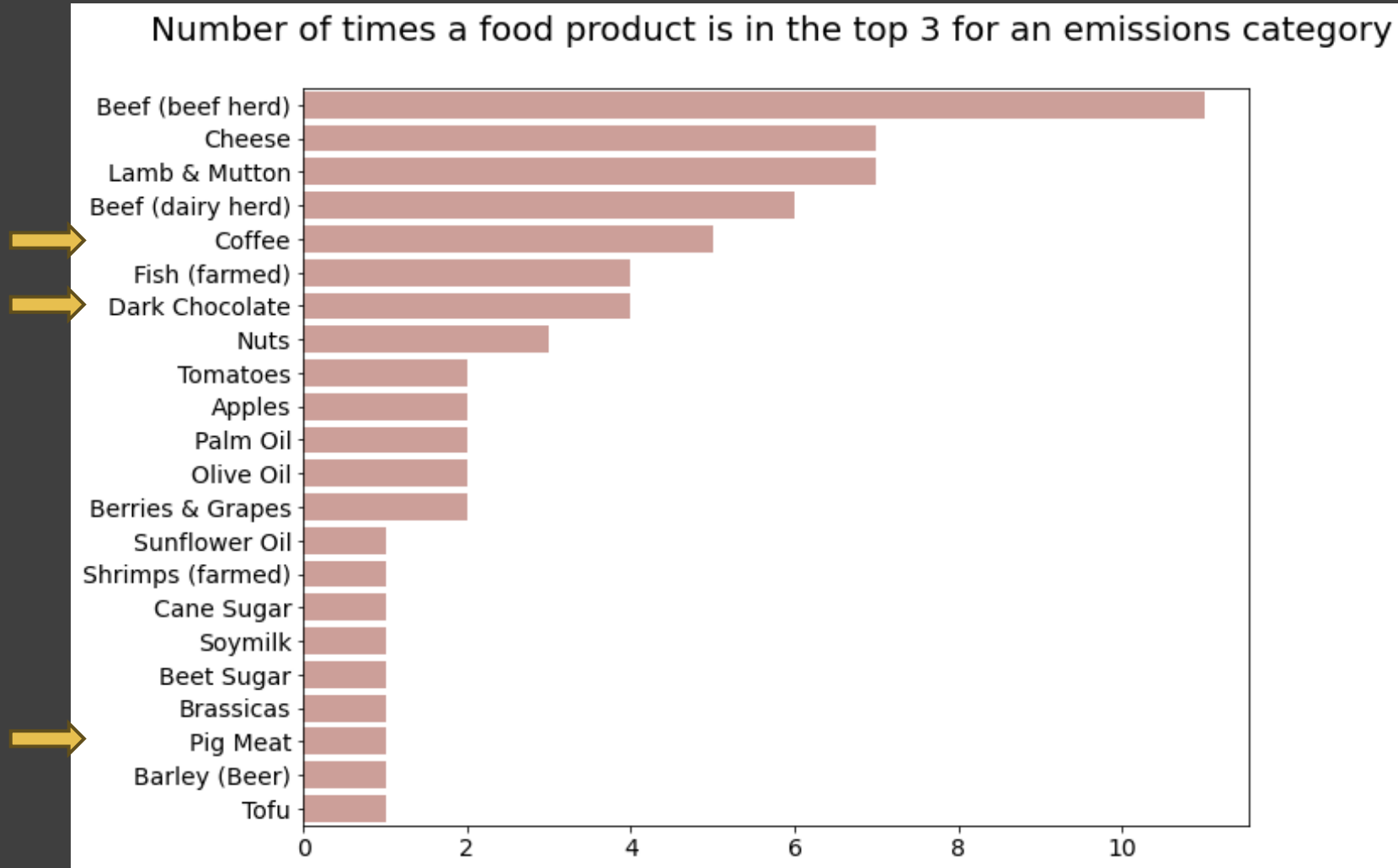
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- Total emissions
- Retail
- Packaging
- Transport
- Processing
- Farm
- Animal Feed
- Land Use Change

Beef has the highest environmental costs across many categories

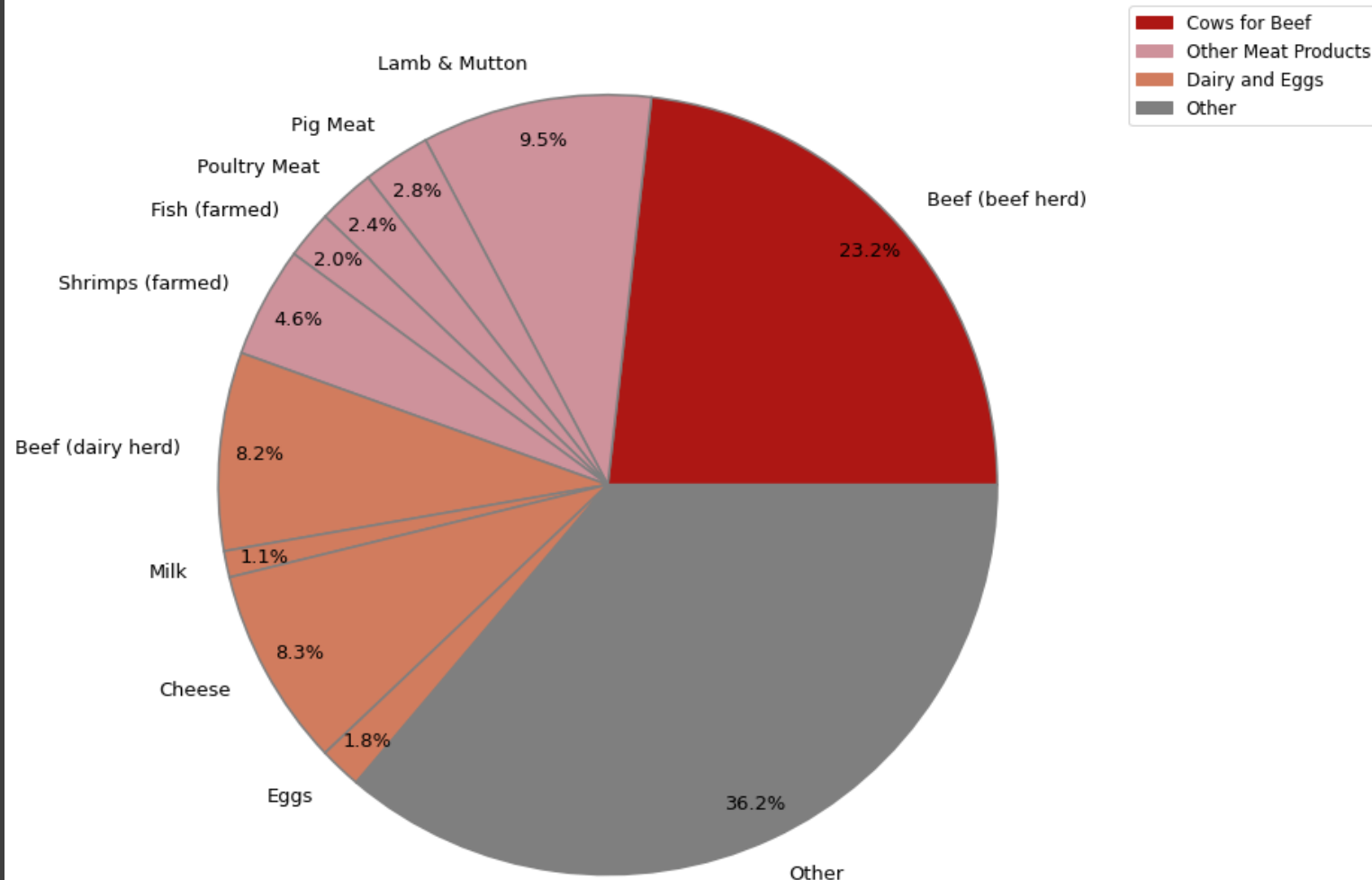


Beef has the highest environmental costs across many categories but there are also some surprises!



In the grand scheme of things, plant-based food products are a drop in the bucket

Animal products account for almost 2/3 of total emissions



Where Other comprises:

- Wheat & Rye (Bread)
- Maize (Meal)
- Barley (Beer)
- Oatmeal
- Rice
- Potatoes
- Cassava
- Cane Sugar
- Beet Sugar
- Other Pulses
- Peas
- Nuts
- Groundnuts
- Soymilk
- Tofu
- Soybean Oil
- Palm Oil
- Sunflower Oil
- Rapeseed Oil
- Olive Oil
- Tomatoes
- Onions & Leeks
- Root Vegetables
- Brassicas
- Other Vegetables
- Citrus Fruit
- Bananas
- Apples
- Berries & Grapes
- Wine
- Other Fruit
- Coffee
- Dark Chocolate

Thank you!

