

Open Food Facts Project

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M2 Mosig - Information Visualization

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Outline

Introduction

Hypothesis

Design

Demonstration

Introduction

Open Food Facts is a collaborative food products database.

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Hypothesis focus on :

- Nutri-score
- Production Country
- Category of products

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Nutri-score & Category are present in the database.

We extract Production Country with "made-in" label.

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- Which countries produce the most or least products ?

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- ☐ Which nutriscore grade have the most or least products ?

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- ☐ Which nutriscore grade have the most or least products ?
- ☐ What kind of products each country focus mainly on ?
- ☐ Which country produces the highest ratio of grade A products ?

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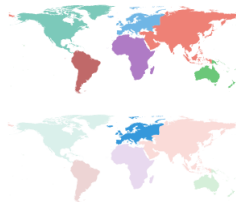
Hypothesis

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Design - World Map

Name	D	F	D'	X	Y	Z	T	R	_	□	CP
Continent	N	f		A	A	Z		C,V			

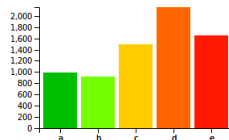


Choice of color :

Rectangular projection : Most used projection

Design - Nutriscore Bar Chart

Name	D	F	D'	X	Y	Z	T	R	_		CP
Grade	O	>		A				C			
Number of product	Q	>			A			S			



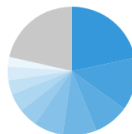
NUTRI-SCORE



Choice of color : color used for nutriscore

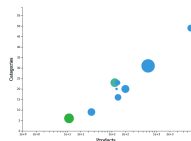
Design - Categories Pie Chart

Name	D	F	D'	X	Y	Z	T	R	_	□	CP
Categorie	N	f		A	A			T			
Number of product	N	f		A	A			S,V			



Design - Country Chart

Name	D	F	D'	X	Y	Z	T	R	_	□	CP
Country	N	f		P	P			T			
Continent	N	f						C			
Number of products	Q	>		P							
Number of categories	Q	>			P						
Proportion of grade A products	Q	>						S			



Log Scale for X Axis : Smooth curve

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