

# Open Food Facts Project

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M2 Mosig - Information Visualization

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# Outline

Introduction

Hypothesis

Design

Demonstration

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Open Food Facts is a collaborative food products database.

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Hypothesis focus on :

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- 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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# Hypothesis

- Which countries produce 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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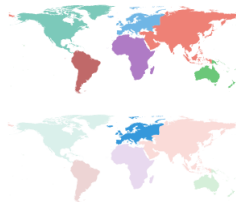
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# Design - World Map

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

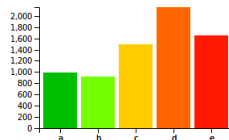


Choice of color : One different Color for each countries

Rectangular projection : Most used projection

# Design - Nutriscore Bar Chart

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



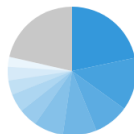
NUTRI-SCORE



Choice of color : color used for nutriscore

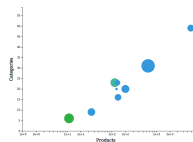
# Design - Categories Pie Chart

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



# Design - Country Chart

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



Log Scale for X Axis : Smooth curve



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