Open Food Facts Project

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M2 Mosig - Information Visualization

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Outline

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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Hypothesis

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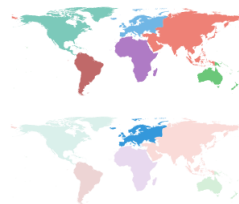☐ Which country produces the highest ratio of grade A products ?

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Design - World Map

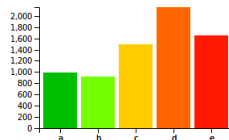| Name	D	F	D'	X	Y	Z	T	R	_	[]	CP
Continent	N	Projection	N	A	A			C,V			

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	>	O	A				C			
Number of product	Q	>	Q		A			S			

Choice of color : color used for nutriscore

Design - Categories Pie Chart

Name	D	F	D'	X	Y	Z	T	R	_	[]	CP
Categorie	N										tx
Number of product	Q	>	Q	A	A			S,V			
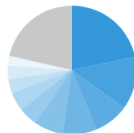
Design - Country Chart

Name	D	F	D'	X	Y	Z	T	R	_	[]	CP
Country	N			P	P						tx
Continent	N							C			
Number of products	Q	>	Q	P							
Number of categories	Q	>	Q		P						
Proportion of grade A products	Q	>	Q					S			
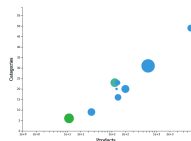
Log Scale for X Axis : Smooth curve

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Demonstration