

Agricultural products from developing countries price quotation platform

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Dataset introduction

Global food price fluctuations can lead to famine and large-scale population movements. Price changes are increasingly important to policymakers because global warming threatens to destabilize food supplies. Get more than 740,000 lines of prices on various commodities in the developing world market. The data include information on the country, market, commodity price in local currency, commodity quantity units and month of recording.

column	meaning
adm0_name	Country Name
adm1_name	City Name
mkt_name	Market Name
cm_name	Product Name
cur_name	Currency Name
pt_name	Price Type
um_name	Product quantity unit
pm_month	Record Month
pm_year	Record Year
pm_price	Product Price
pm_commoditysource	Product Source

Program Introduction

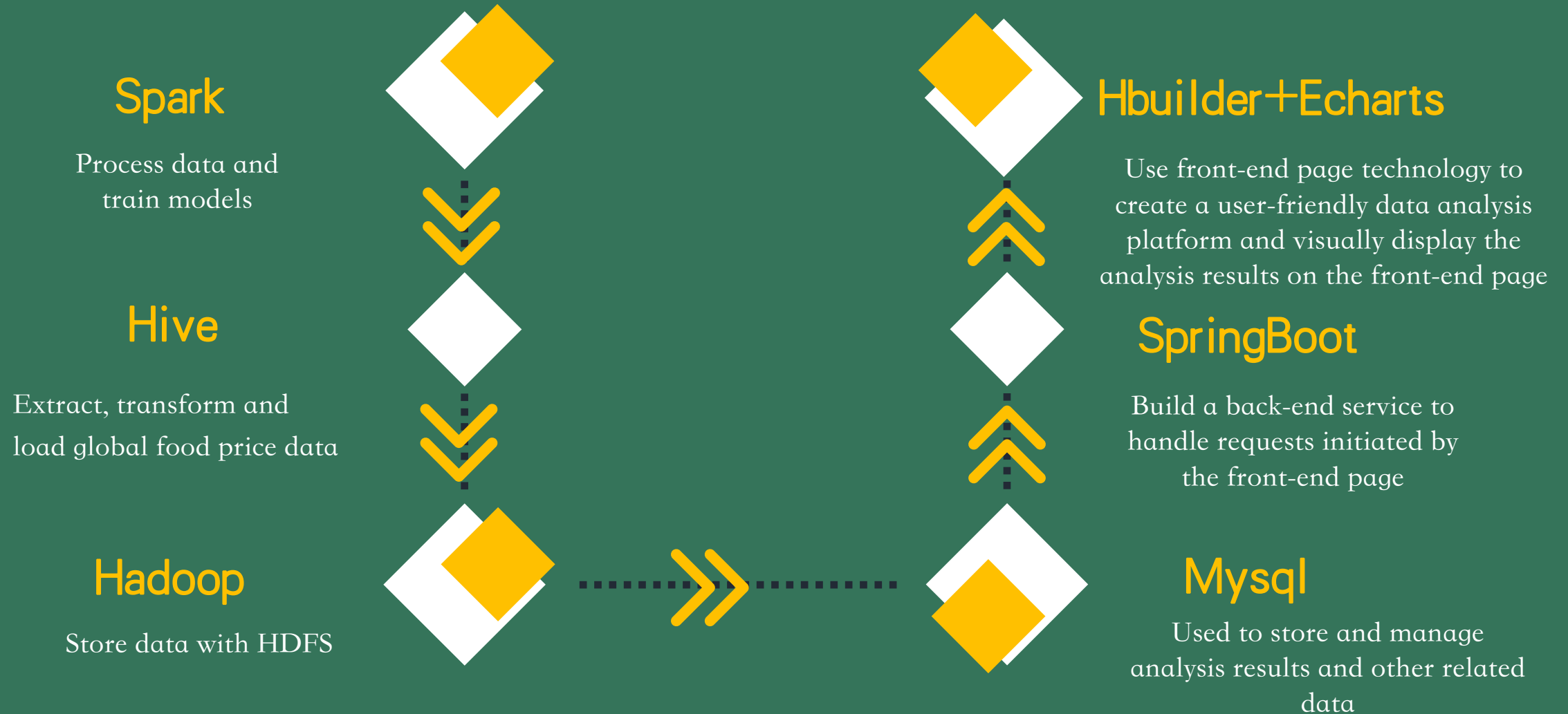
The designed data set

Table name	Correspondence chart
country.csv	front page
cm_count.csv	top 10 popular products
country_count.csv	size of national economy
commoditysource_count.csv	product source statistics
food_clear.csv	product inquiry
monthavg.csv	price trends
mkt_price.csv	market price distribution
tongji_category.csv	proportion of product categories

Table name	Correspondence chart
yearavg.csv	product annual average comparison
food_labor.csv	labor wages
compare_price.csv	product price ranking
rice.csv	rice information
meat.csv	meat information
bean.csv	pulses information
livestock.csv	livestock information
prediction.csv	price prediction

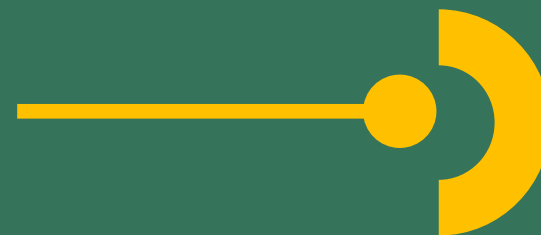
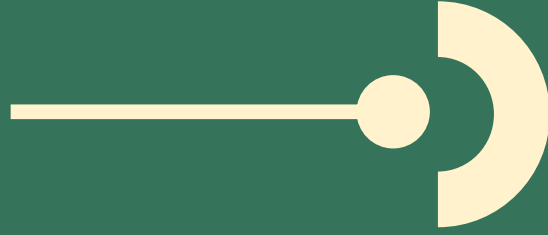
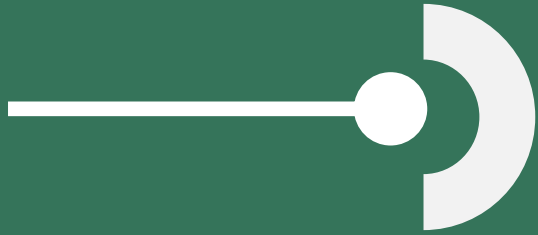
Program Introduction

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analysis
within
countries



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category details

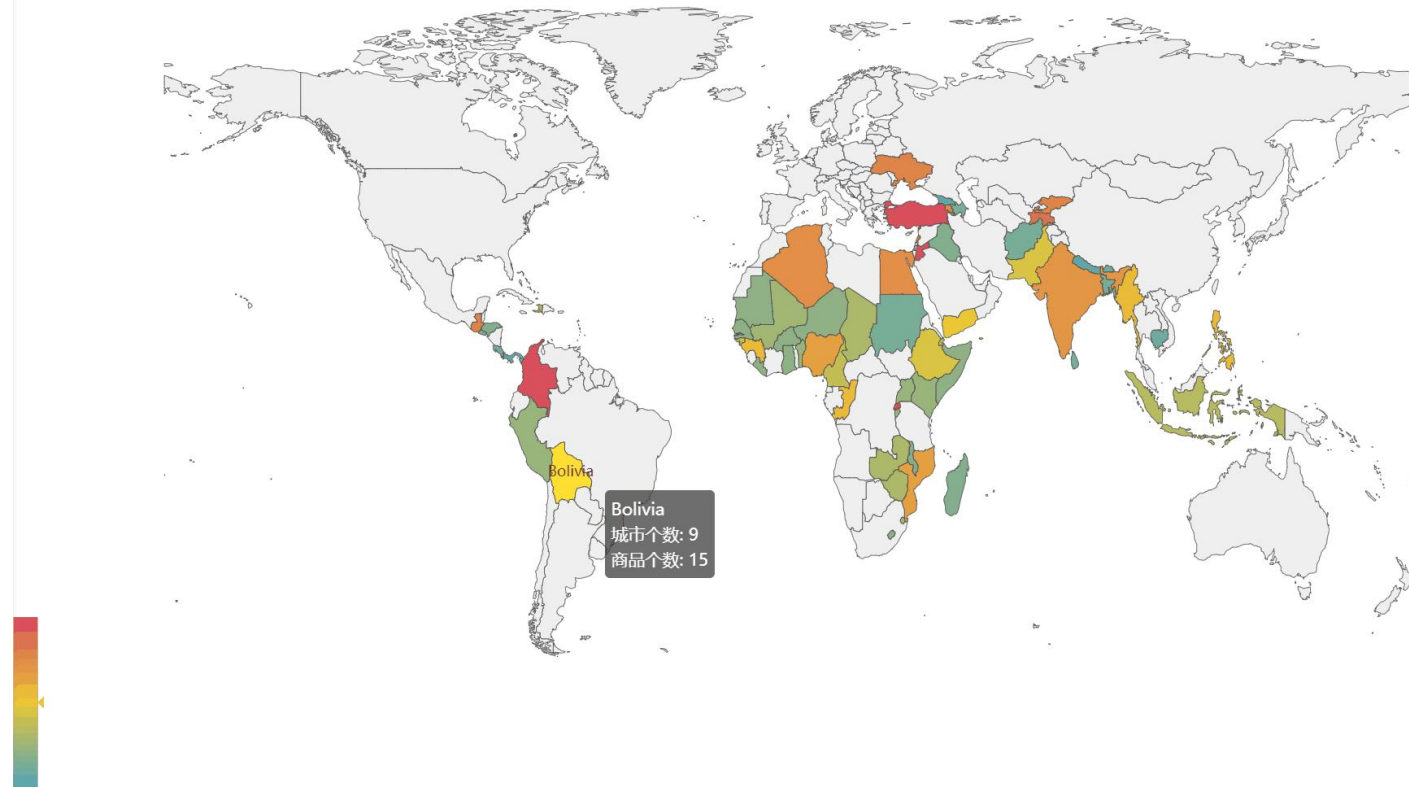


E Commodity analysis
between countries



Platform Display —front page

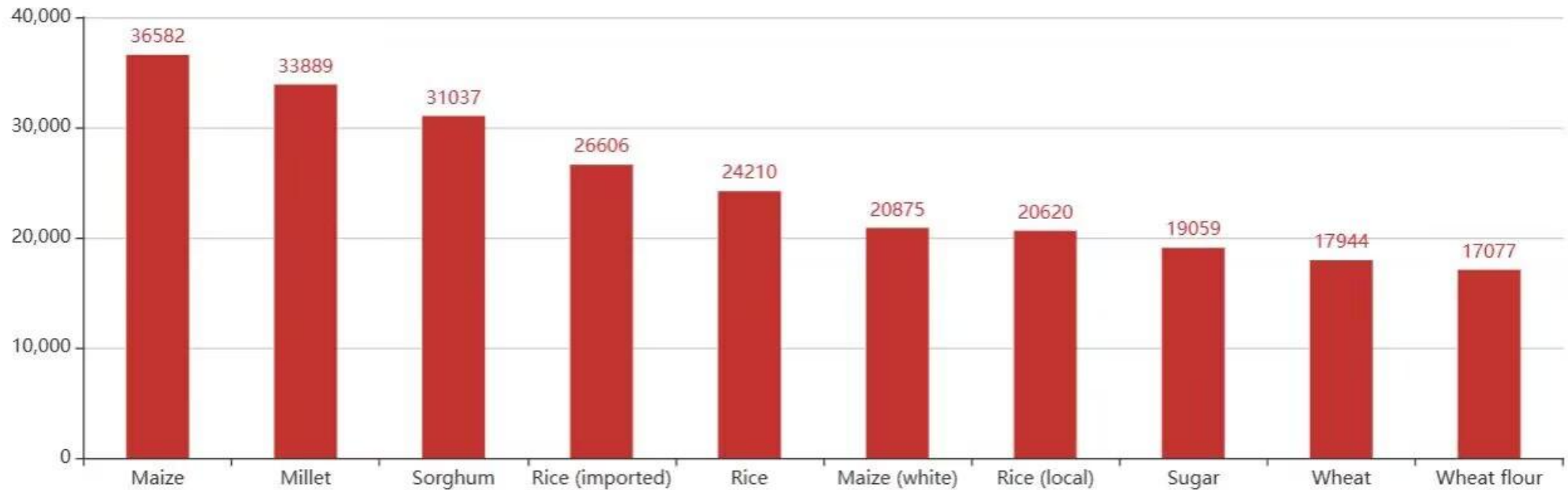
Data distribution statistics



A world map showing the distribution of data, with colors rendered according to the number of products.

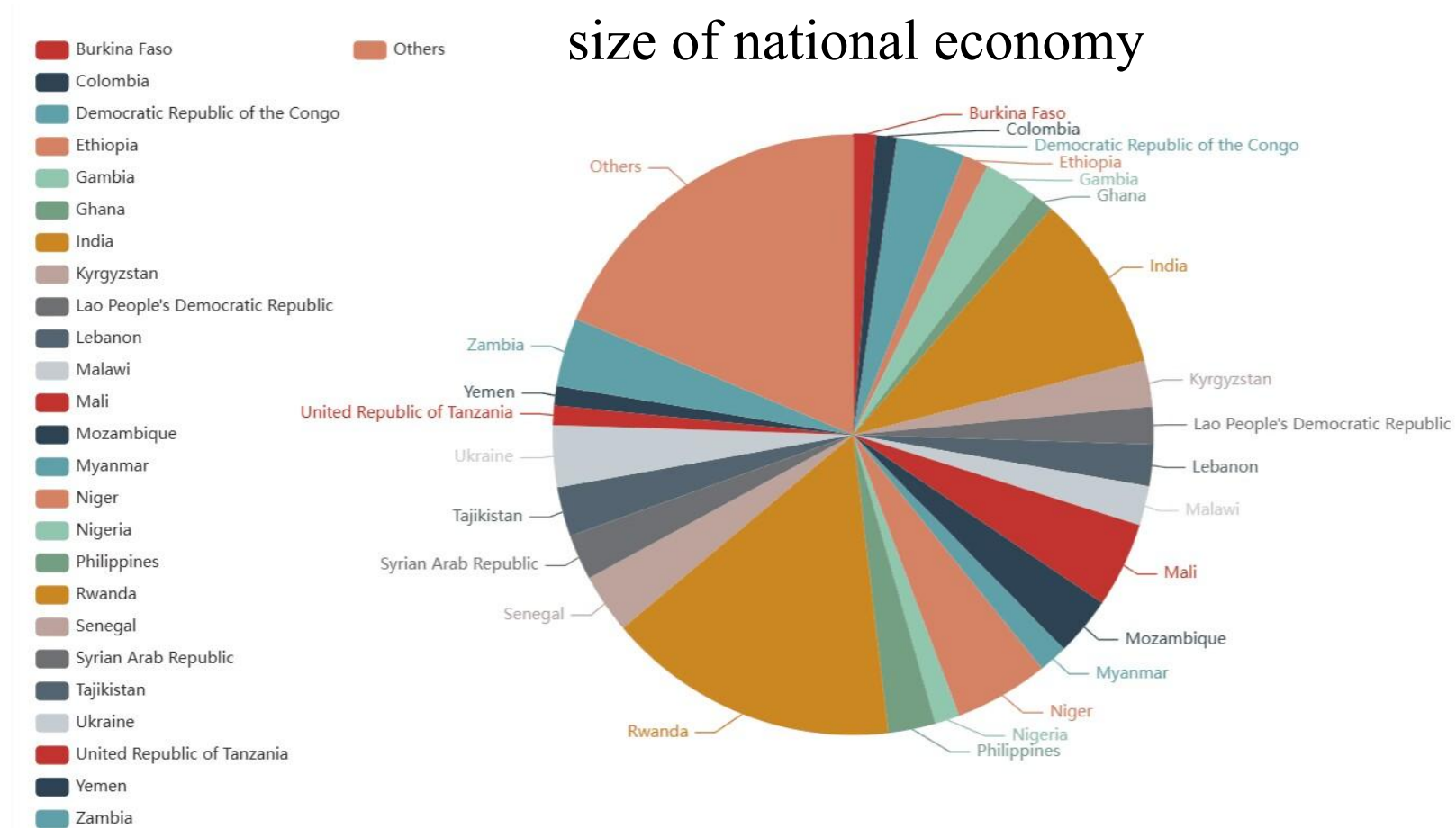
Platform Display —data overview

top 10 popular products



Statistics of the top 10 most popular commodities in developing countries.

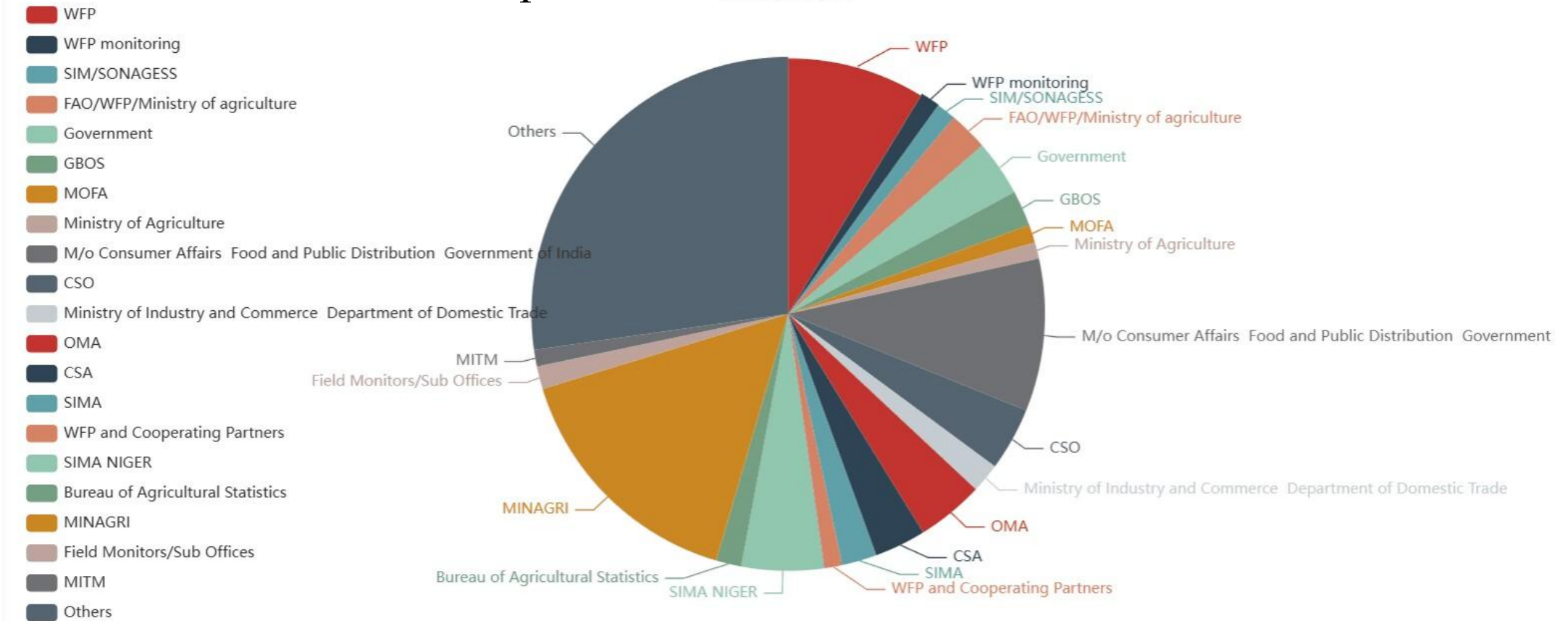
Platform Display —data overview



The number of data items that count all commodities in a country represents the size and complexity of the country's economy.

Platform Display —data overview

product source statistics



The distribution proportion of data source websites in the statistical data set.

Platform Display —product inquiry

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菜单管理 ×

数据概览 ×

商品查询 ×

country name

rwanda

state name

Kigali

product name

rice

搜索

重置

+ 新增

修改

删除

导出

Q

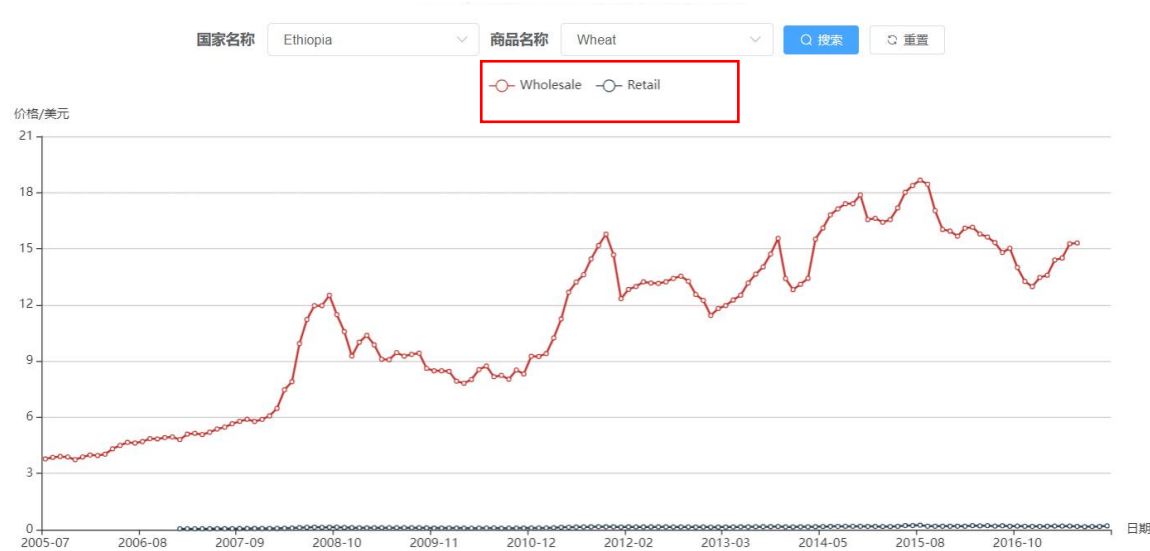
Q

<input type="checkbox"/>	国家名称	州名称	市场名称	农产品名称	价格类型名称	数量单位	价格	来源	时间	分类	汇率	美元价格	操作
<input type="checkbox"/>	Rwanda	Kigali City/ Umujyi wa Kigali	Gahanga	Rice	Retail	KG	599	MINAGRI	2012 1	food	0.00086	0.51557	修改 删除
<input type="checkbox"/>	Rwanda	Kigali City/ Umujyi wa Kigali	Gahanga	Rice	Retail	KG	575	MINAGRI	2012 11	food	0.00086	0.4945	修改 删除
<input type="checkbox"/>	Rwanda	Kigali City/ Umujyi wa Kigali	Gahanga	Rice	Retail	KG	600	MINAGRI	2013 3	food	0.00086	0.516	修改 删除
<input type="checkbox"/>	Rwanda	Kigali City/ Umujyi wa Kigali	Gahanga	Rice	Retail	KG	600	MINAGRI	2013 4	food	0.00086	0.516	修改 删除
<input type="checkbox"/>	Rwanda	Kigali City/ Umujyi wa Kigali	Gahanga	Rice	Retail	KG	608	MINAGRI	2013 6	food	0.00086	0.52288	修改 删除

Query detailed information about a specified country, city or agricultural product.

Platform Display —commodity analysis within countries

Ethiopian wheat price changes

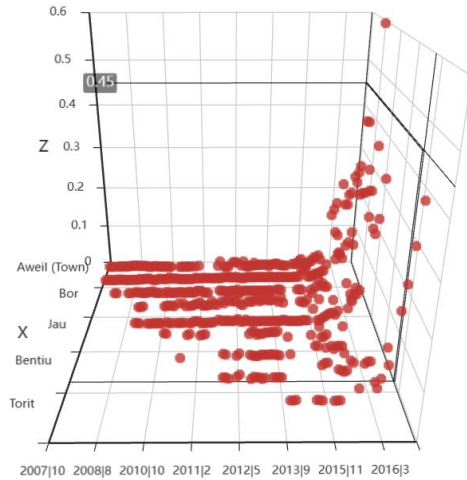


Observing the price change trend of a certain commodity in a country over the years, the change trend can reflect the market economic fluctuations of the country.

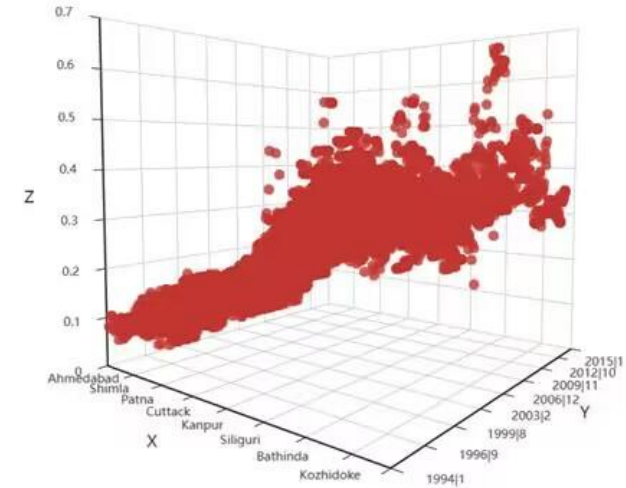
Platform Display —commodity analysis within countries

market price distribution

国家名称 South Sudan 商品名称 Maize (white) 单位名称 3.5 KG 价格类型 Retail 查询



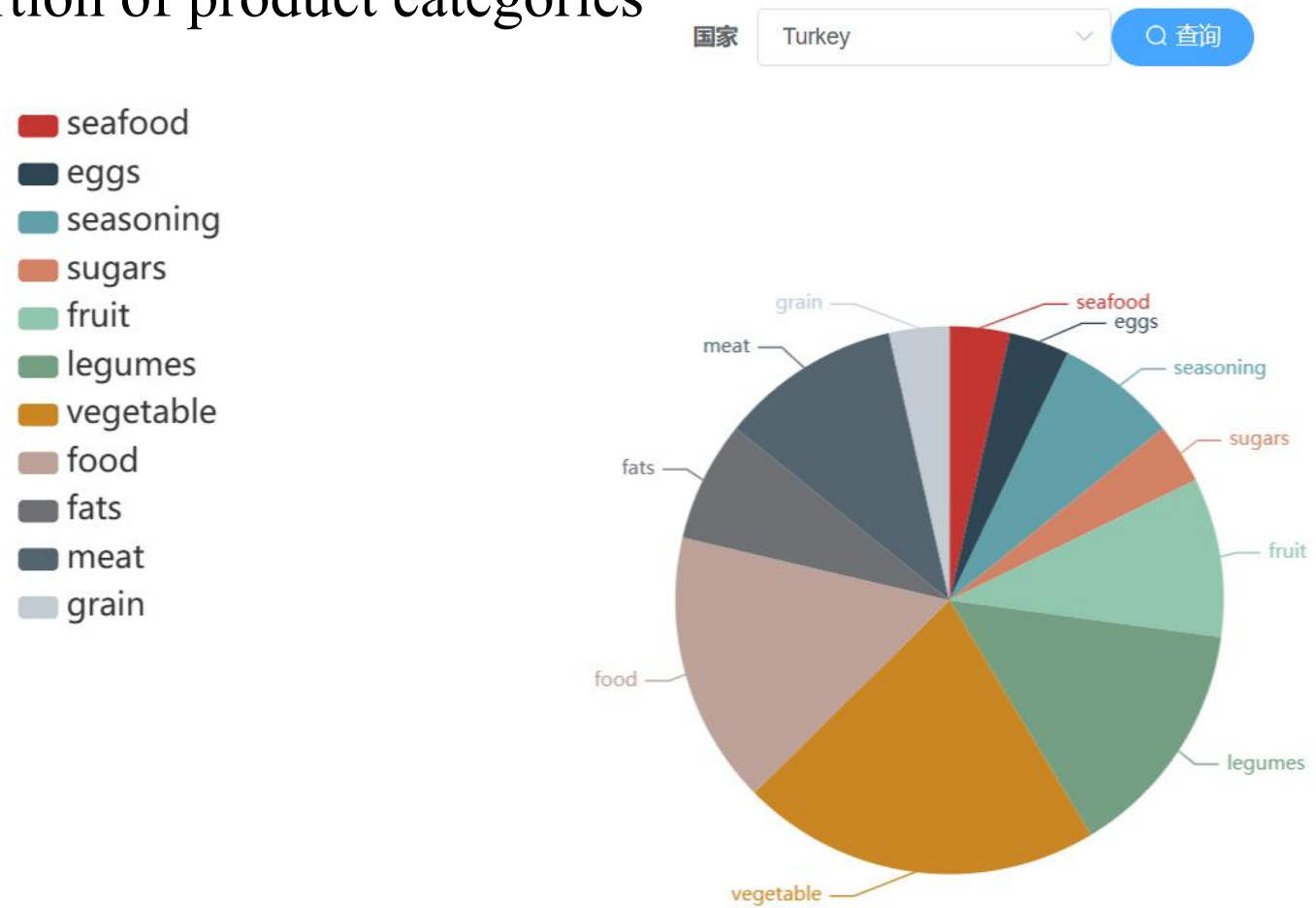
国家名称 India 商品名称 Rice 单位名称 KG 价格类型 Retail 查询



It shows the price changes in the market over the years, that is, the market adjusts prices in different periods to judge its economic stability.

Platform Display —commodity analysis within countries

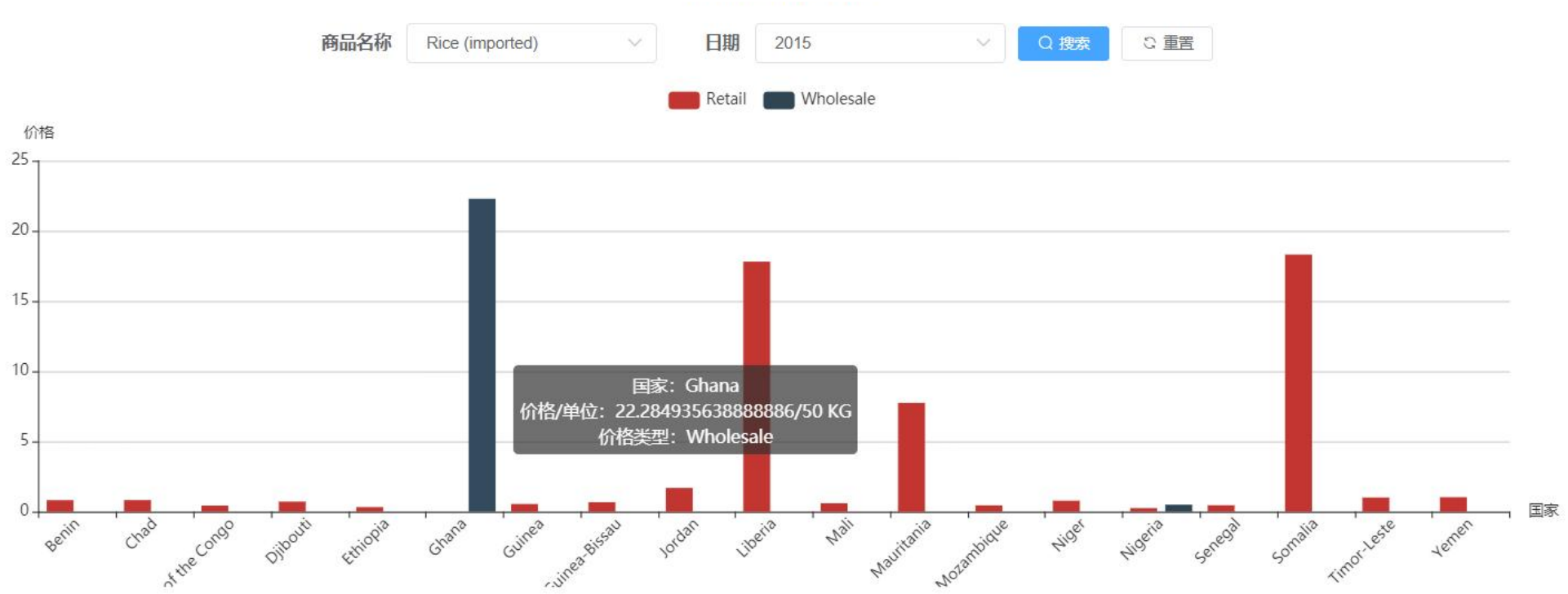
proportion of product categories



Display the category proportions of the country's commodities and observe the richness of the agricultural products sold in the country.

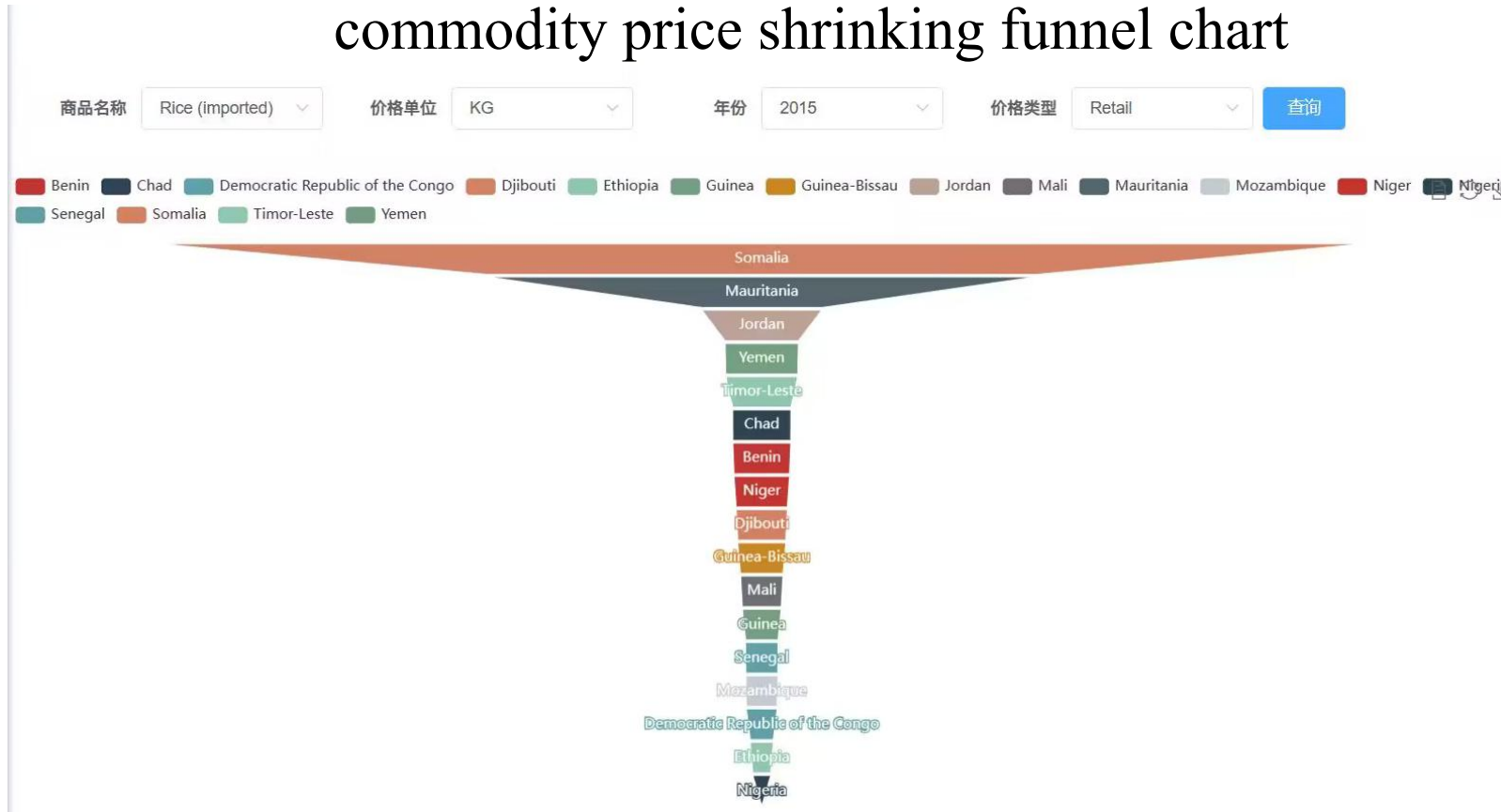
Platform Display —commodity analysis between countries

commodity average annual price comparison



Compare the countries and prices in which a certain product was sold in a certain year. Different colors represent different price types.

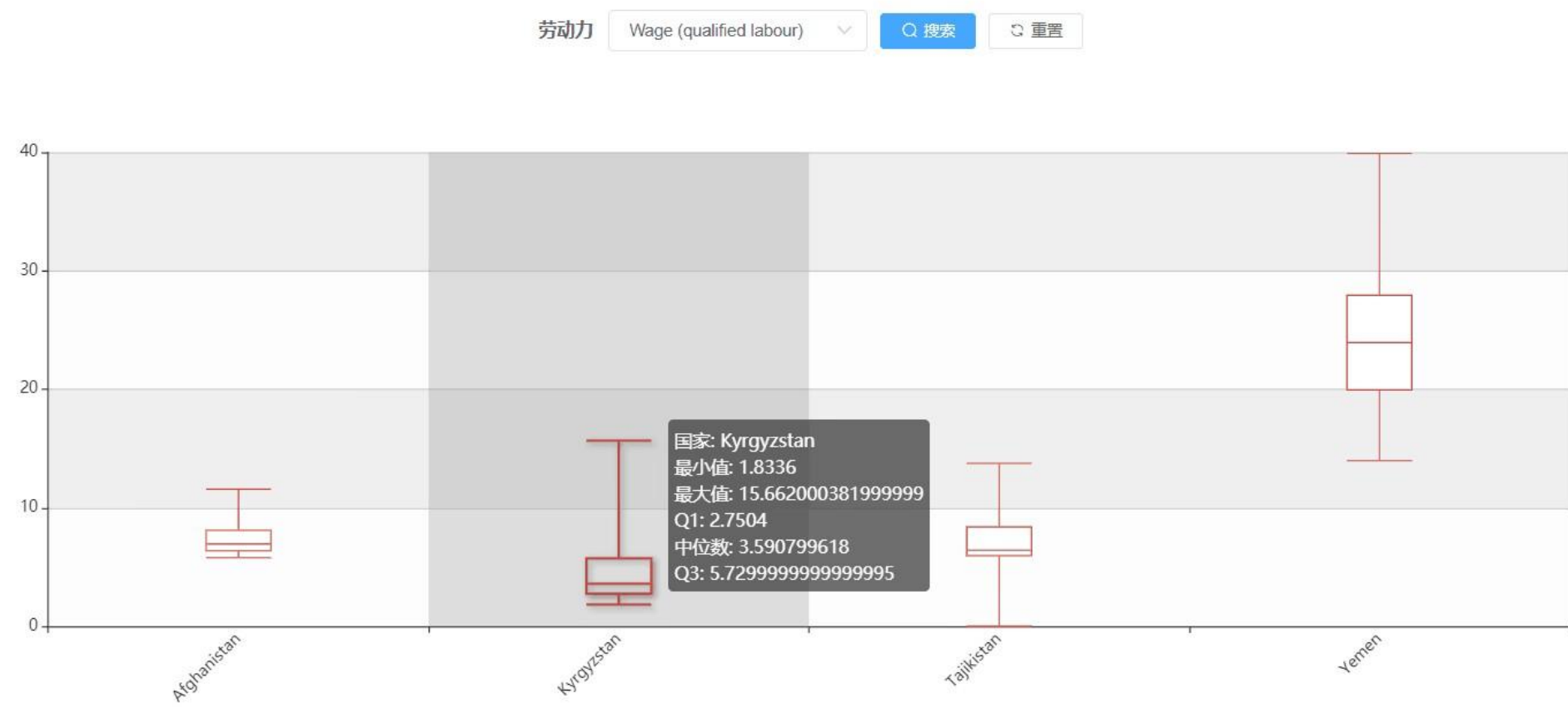
Platform Display —commodity analysis between countries



It intuitively displays the ranking of commodity prices between countries from high to low.

Platform Display —commodity analysis between countries

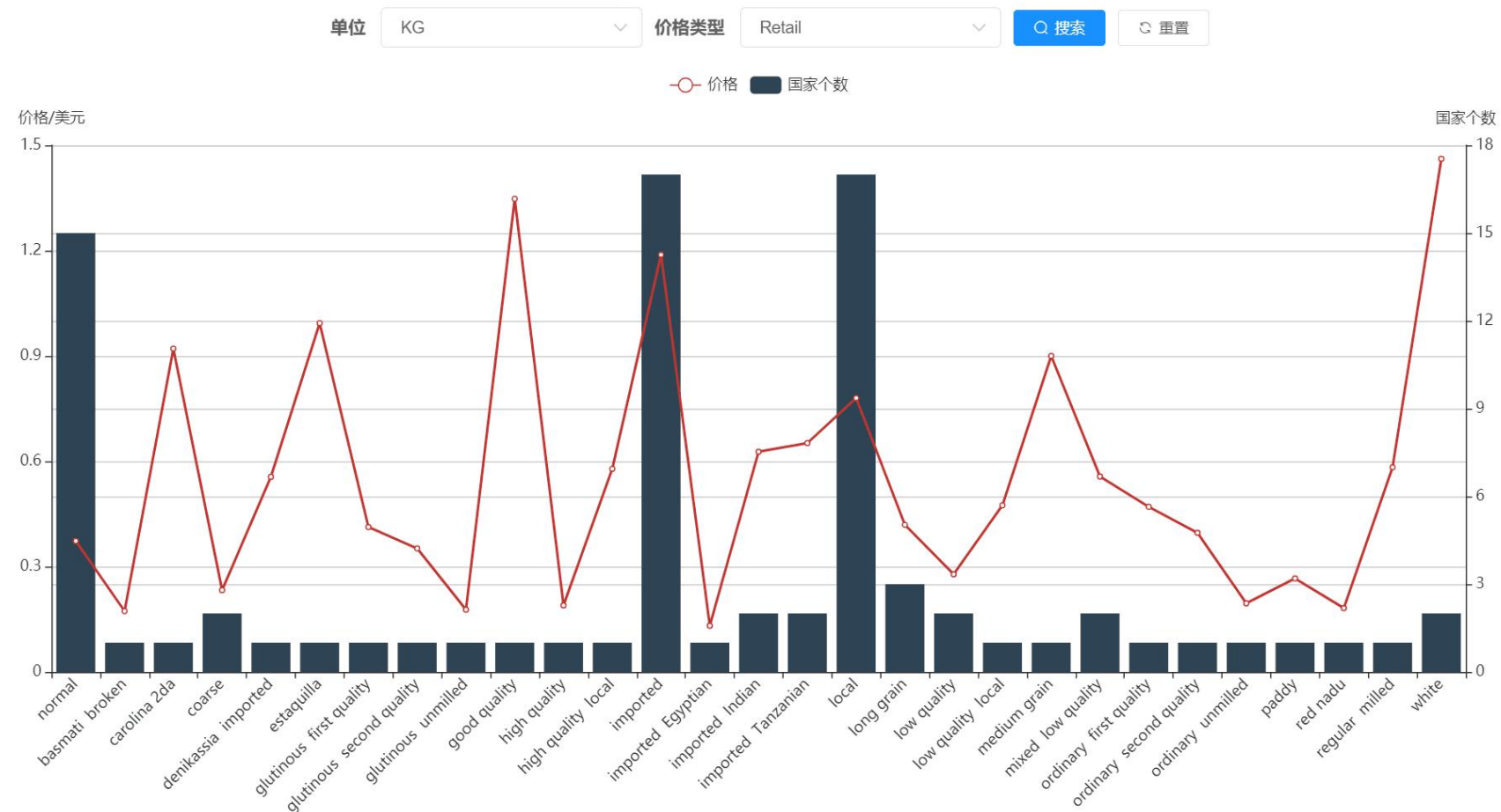
labor wages



Compare the salary distribution of a certain kind of labor force in countries with that kind of labor force.

Platform Display —product category details

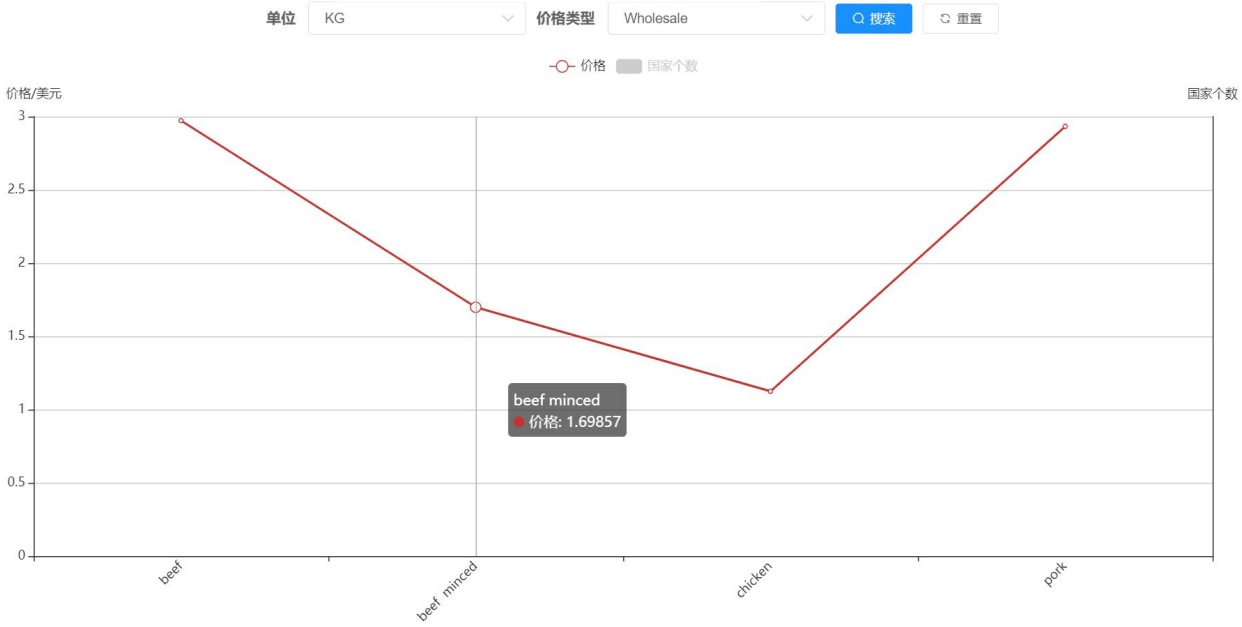
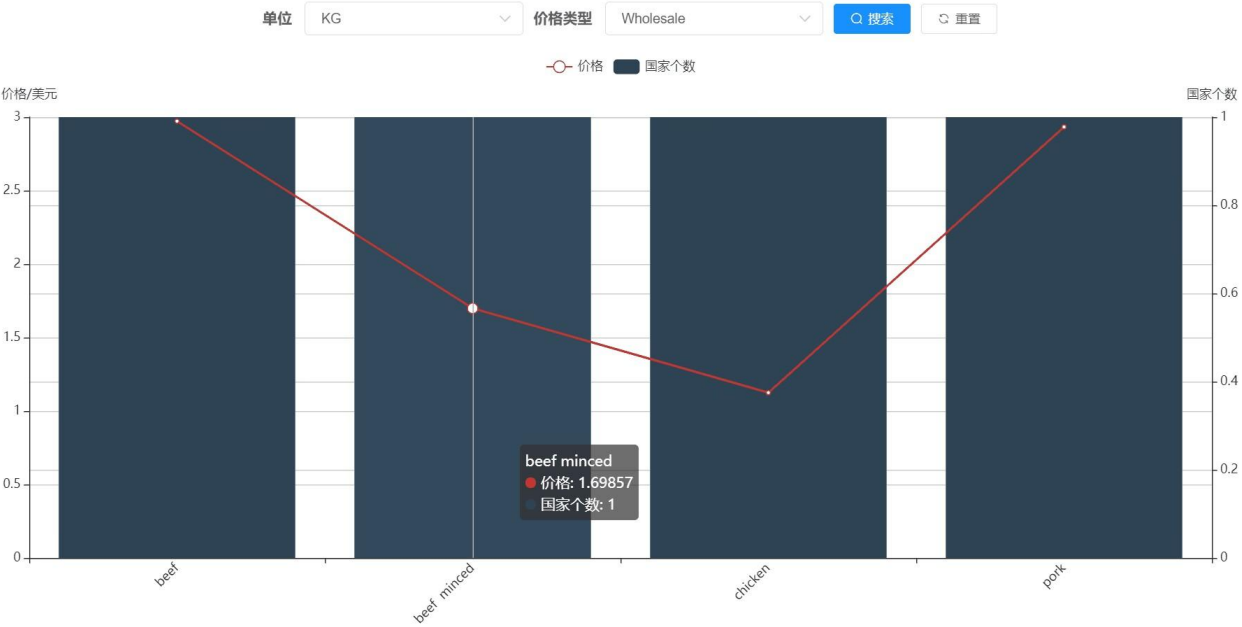
rice information



The chart shows the specific types of rice commodities, their prices and the number of countries where they are sold.

Platform Display —product category details

meat information



This figure shows the recorded meat products among the wholesale products in KG.

Platform Display —product category details

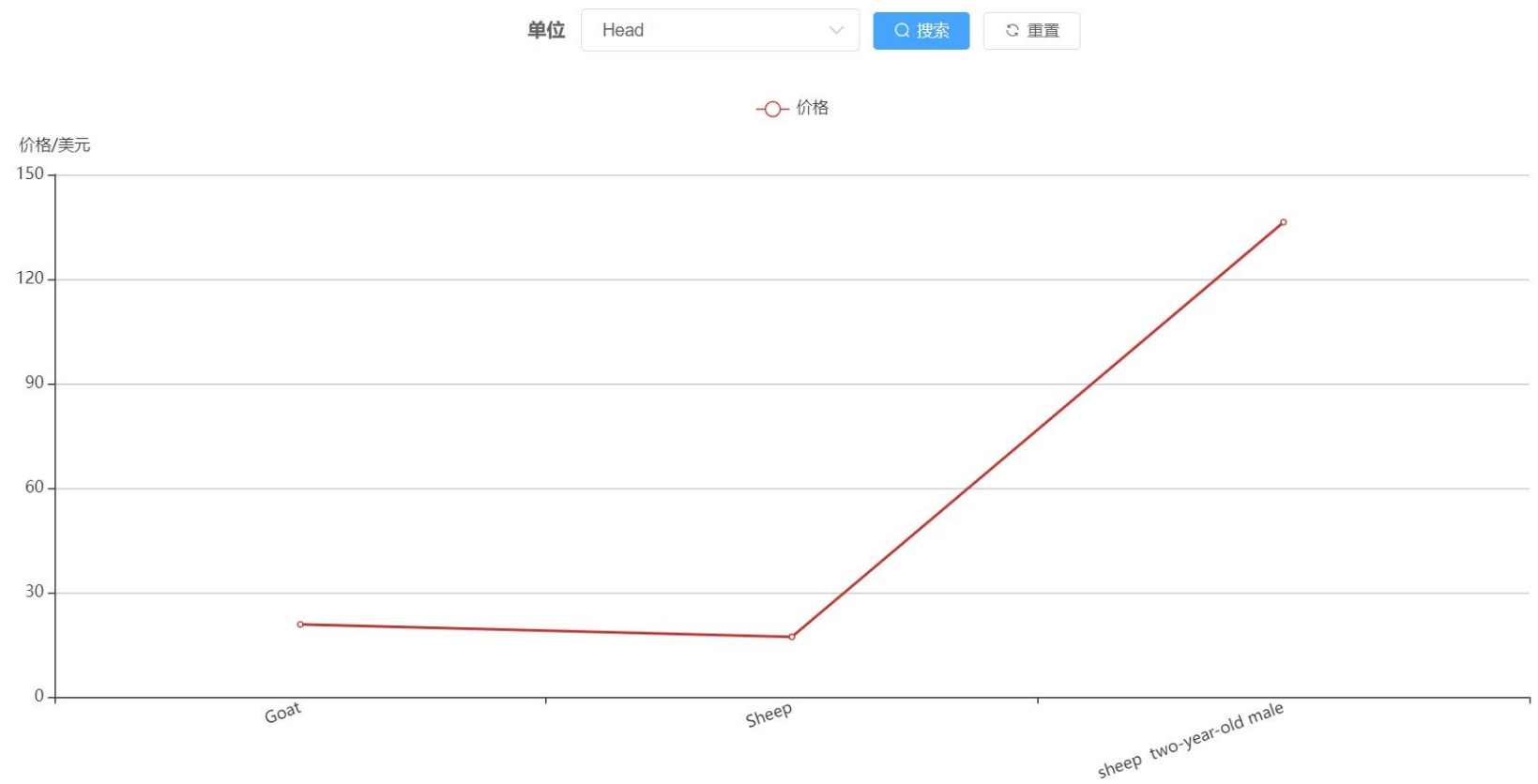
bean information



The chart shows the specific breakdown of the pulses commodity, along with its price and the number of countries in which it is sold.

Platform Display —product category details

livestock information



This chart shows the products and prices of livestock products sold per head.

Platform Display —price prediction

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● 价格预测 ×

国家名称

Afghanistan

城市名称

Daykundi

商品名称

Bread

价格类型

请输入价格类型

商品单位

请输入商品单位

Q 搜索

⌂ 重置

国家名称	城市名称	商品名称	价格类型	商品数量单位	2015年价格	2016年价格	2017年价格	预测价格
Afghanistan	Daykundi	Bread	Retail	KG	0.598246	0.5984	0.5984	0.511391

共 1 条

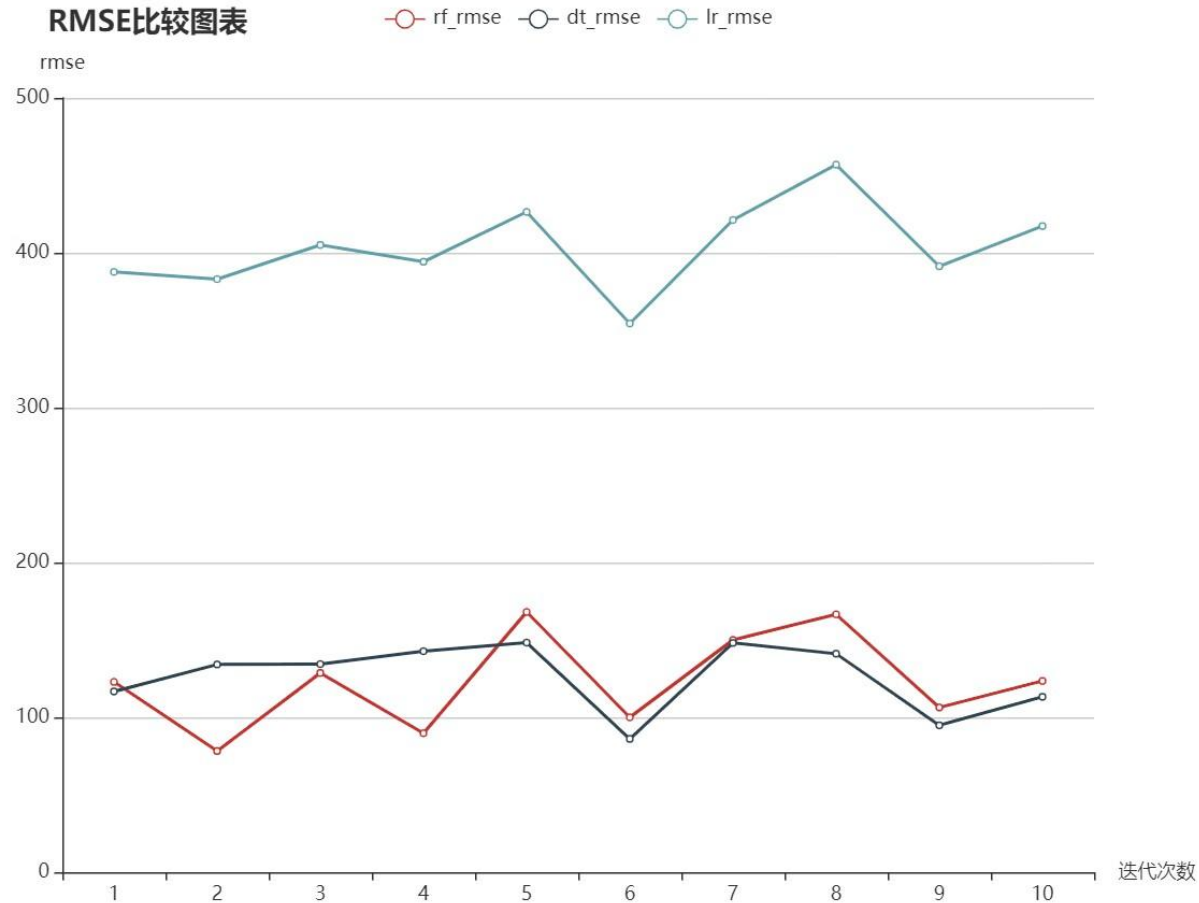
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The graph shows price forecasts for commodities for specified countries, cities, commodities, price types, and commodity units.

Platform Display —price prediction



This figure shows the reasons for the selection of the prediction model, ranking the three models according to the root mean square error.