



Using Open Data prevent threat from natural disaster and better corps planning

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Everybody talks about the weather, but nobody does anything about it.

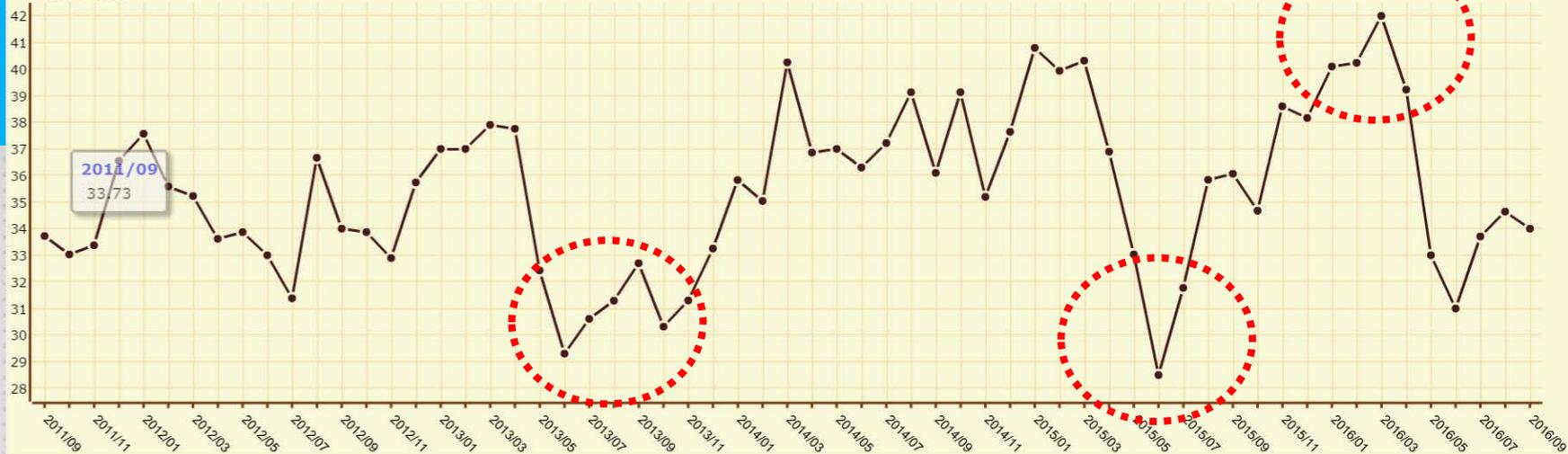
Mark Twain (1835–1910)



Egg price

蛋類行情

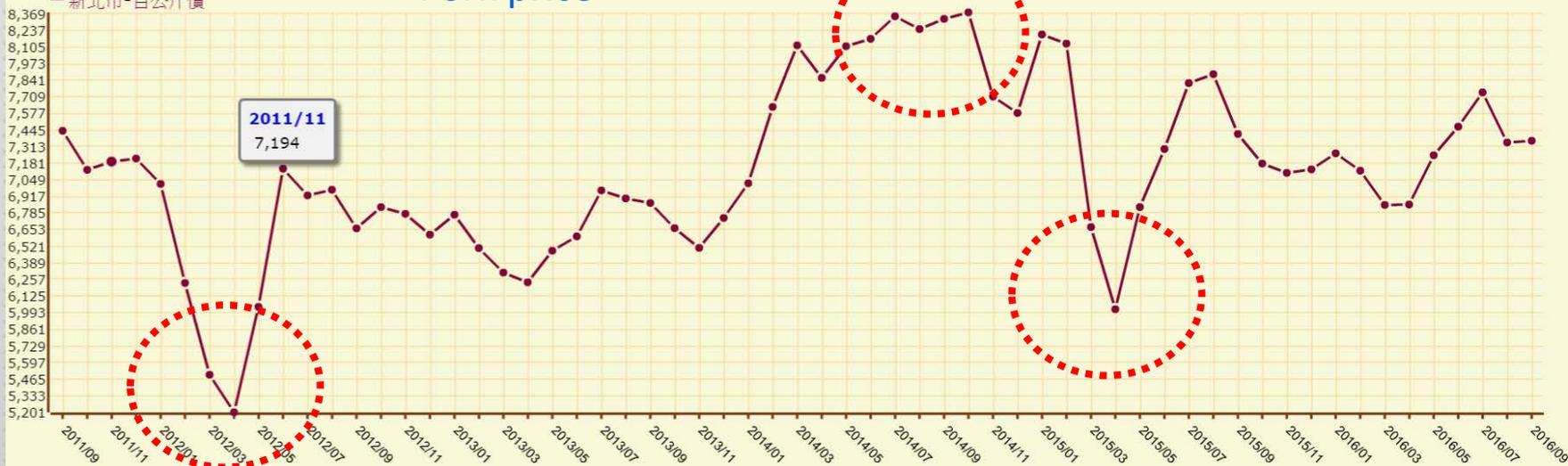
批發-台北



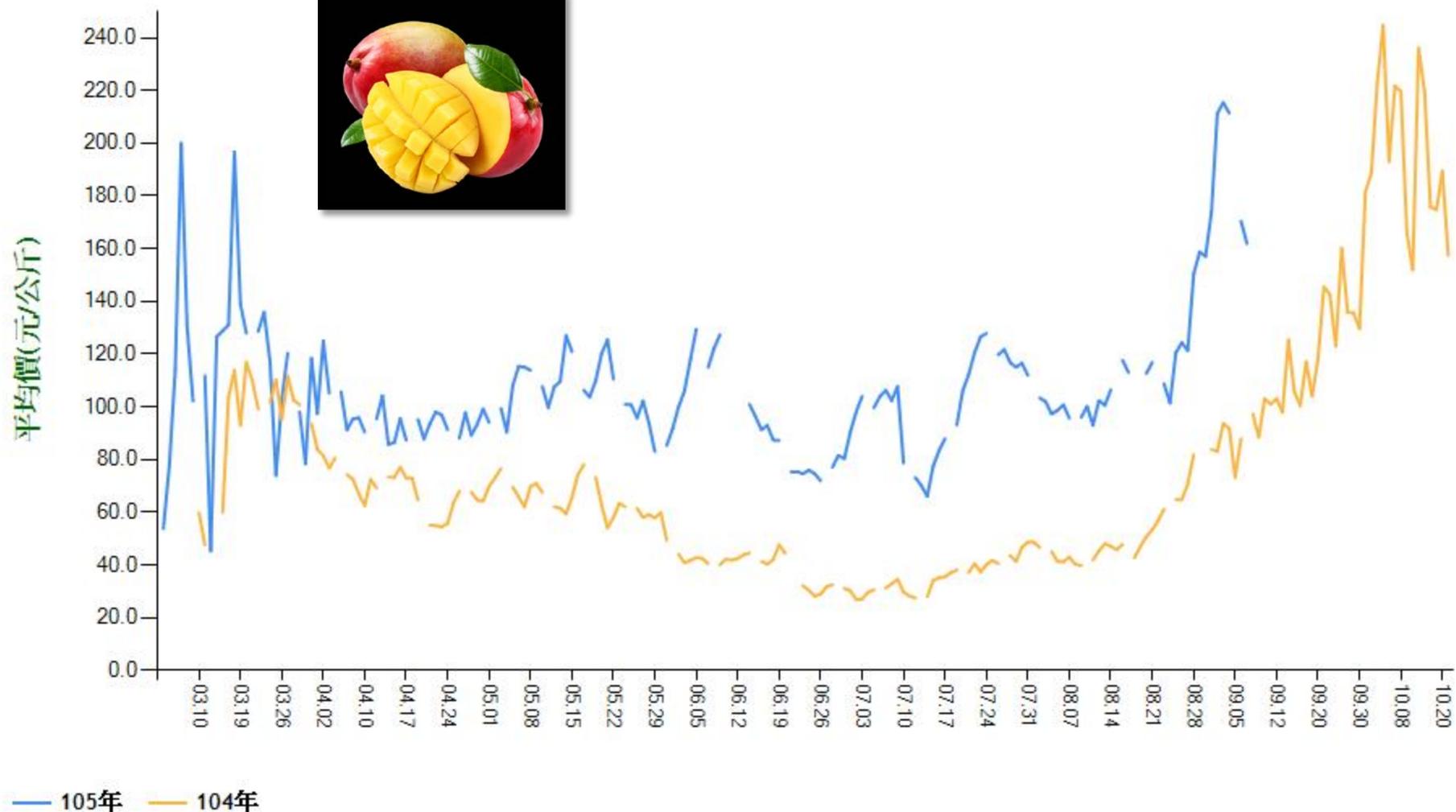
Pork price

各地毛豬交易行情

新北市-百公斤價

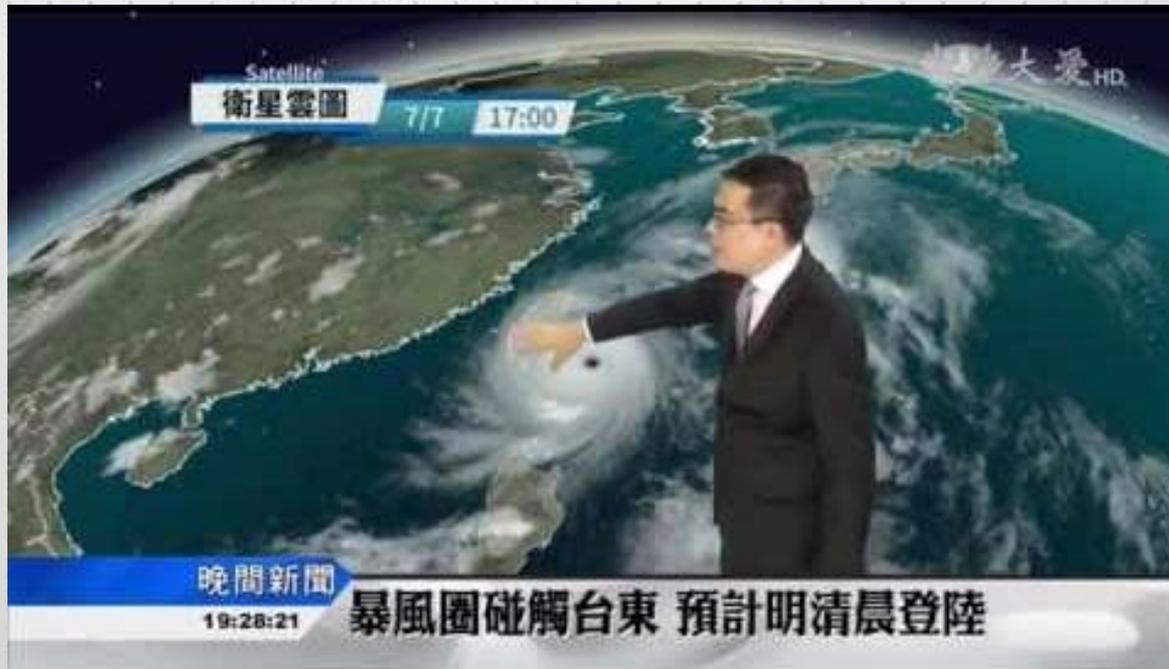


兩年日交易價量比較圖



Increase Public Awareness

- Daily Warning → No Warning

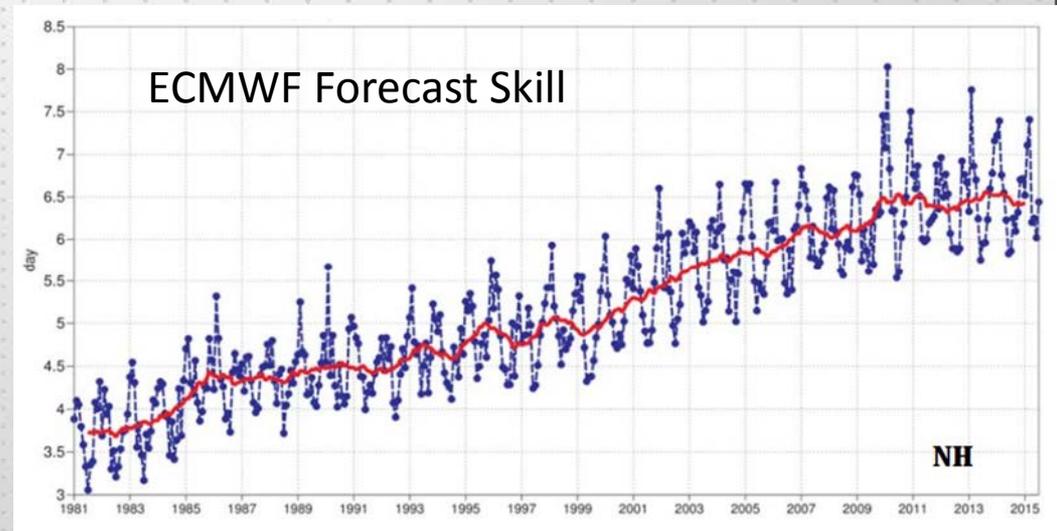


Weather Forecast skill increase

Science

Computer

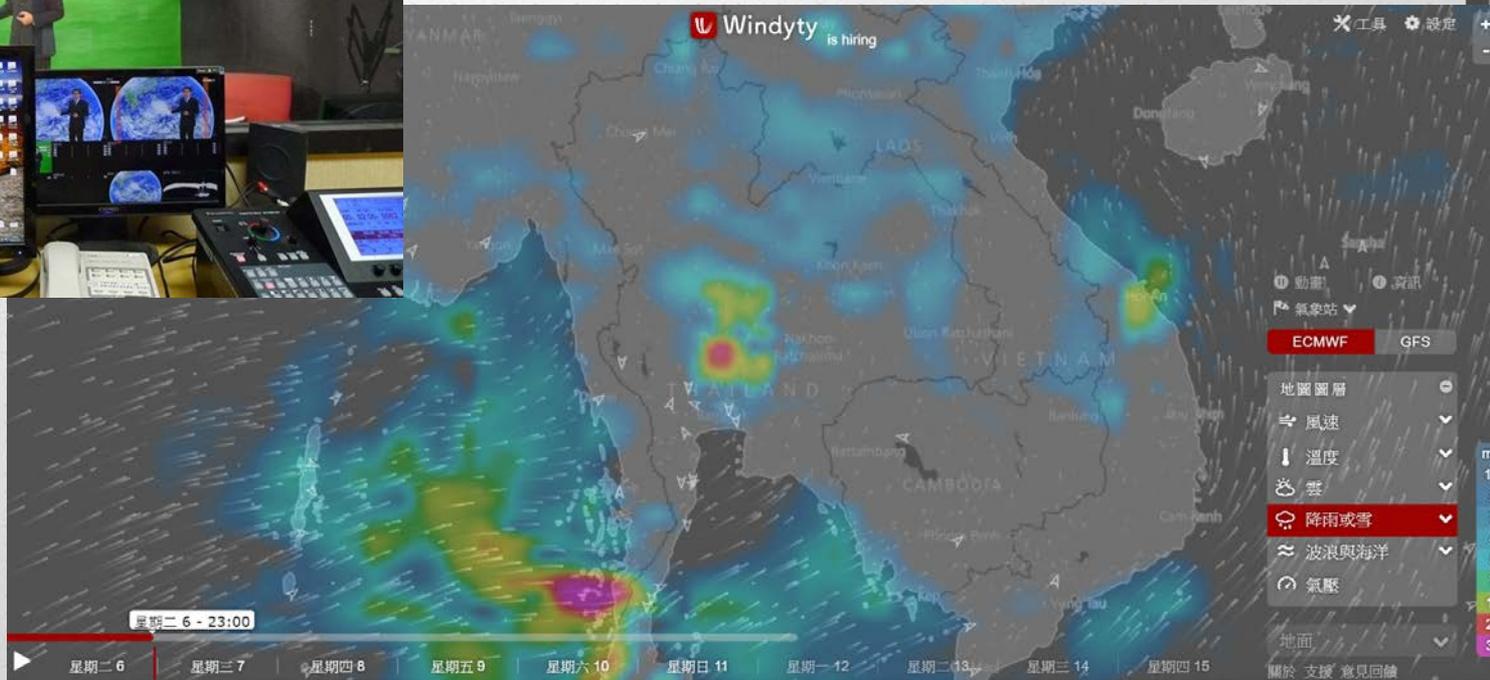
Data
Assimilation



Weather Data is provided in freely in machine readable format



Profession vs. We Media



When Experience meet Climate Change



Farmer Calendar



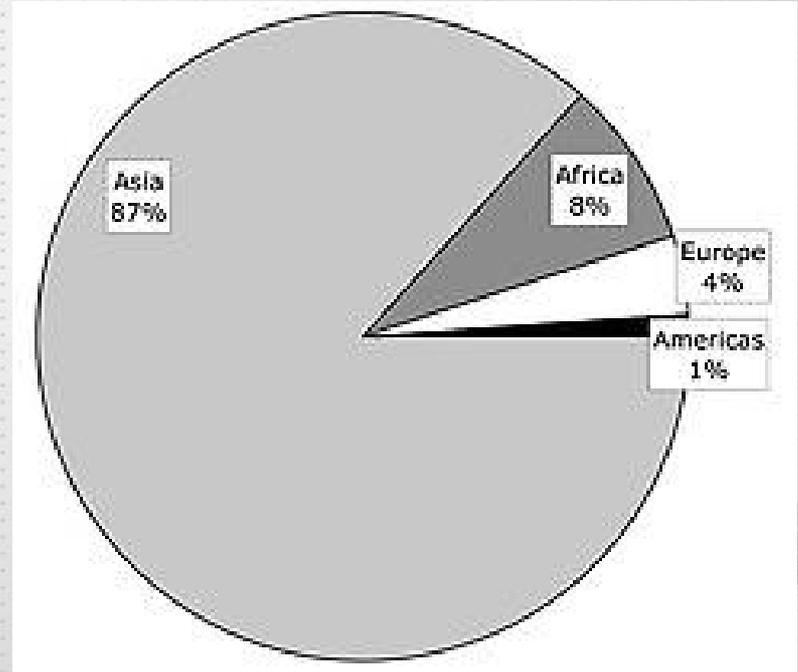


Small-scale Farming in Asia

	Mean farm size (hectare)
US	178.4
Latin America	111.7
South-East Asia	1.8
South Asia	1.4

With high population density and complicated terrain types, the average farm size in Asia is smaller than which in America.

Regional distribution of small-scale farms



We met problems

Public Service

Gov vs. Private

Small but
Many

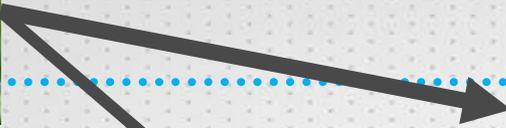
Transparency

Feedback

Education



Farmers



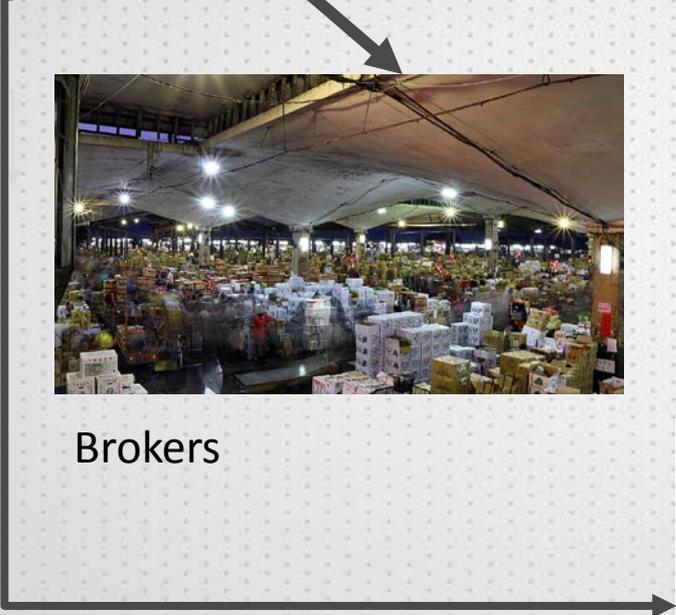
Supermarkets



Customers



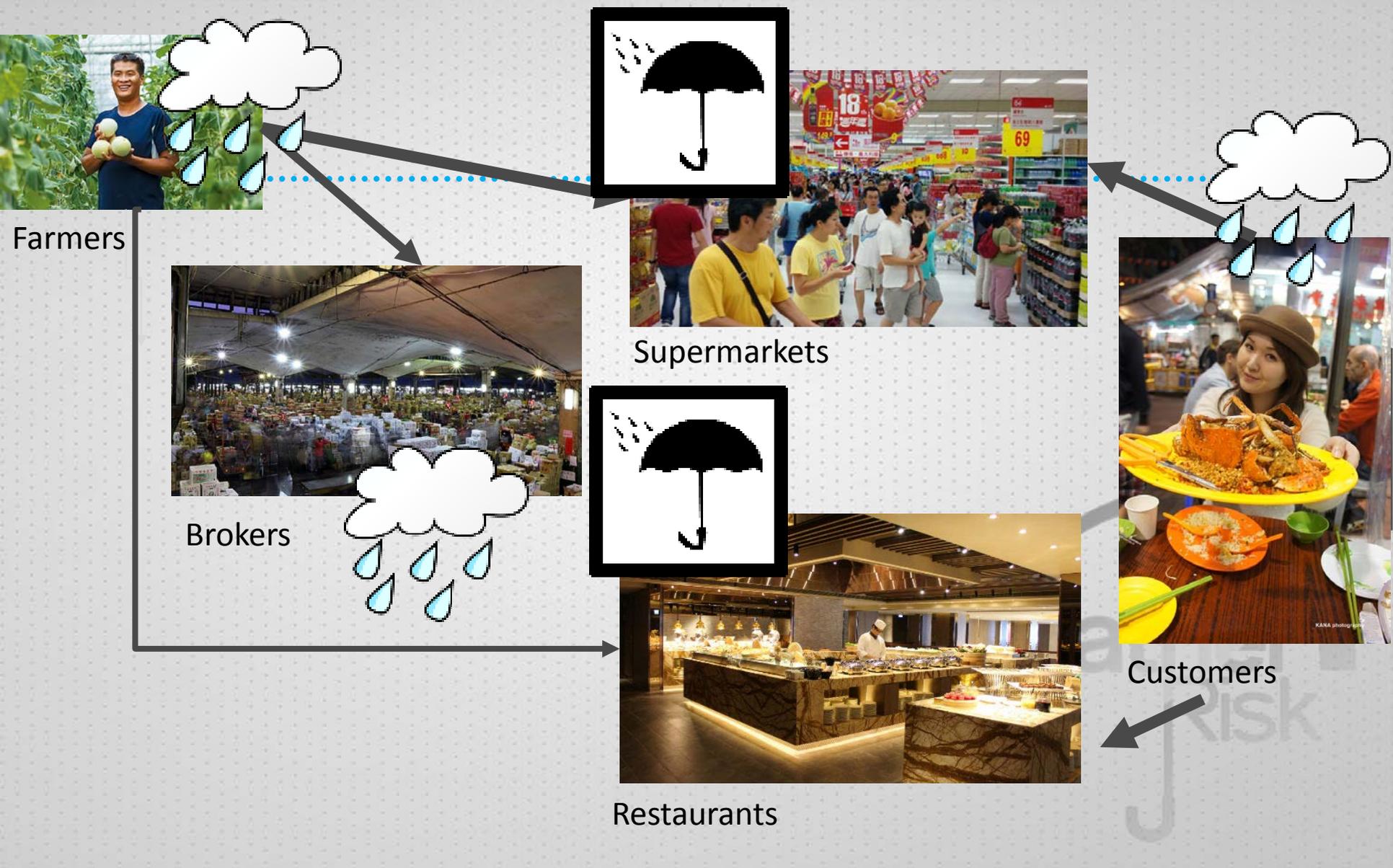
Brokers



Restaurants

RISK





Farmers



Supermarkets



Brokers



Restaurants



Customers

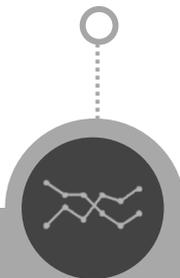
RISK

Reanalysis

Set up Supermarkets and
Restaurants Datasets



Forecast model by
Weather Driven



Sales forecast
API with POS

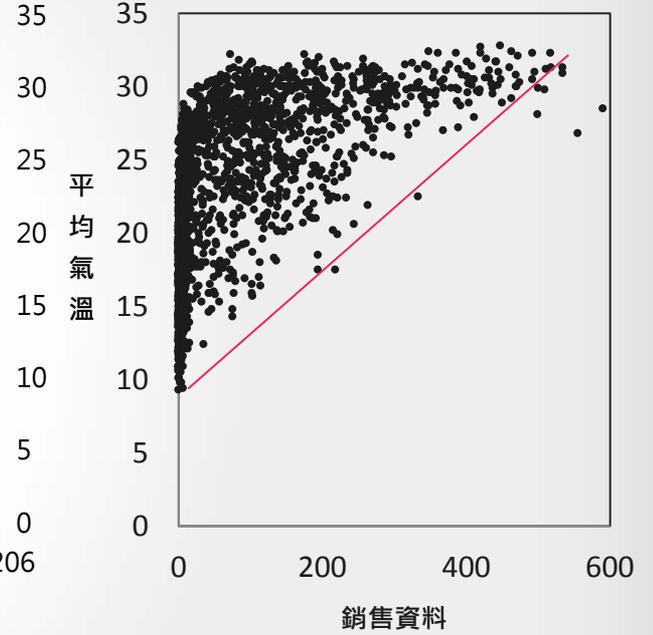
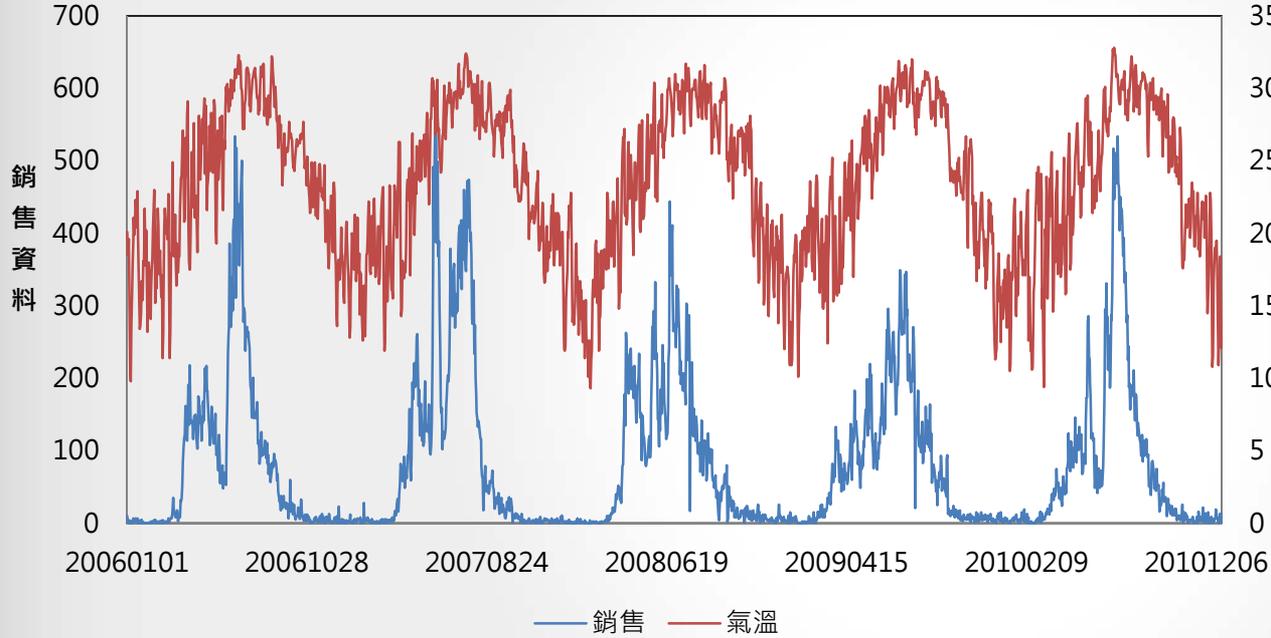


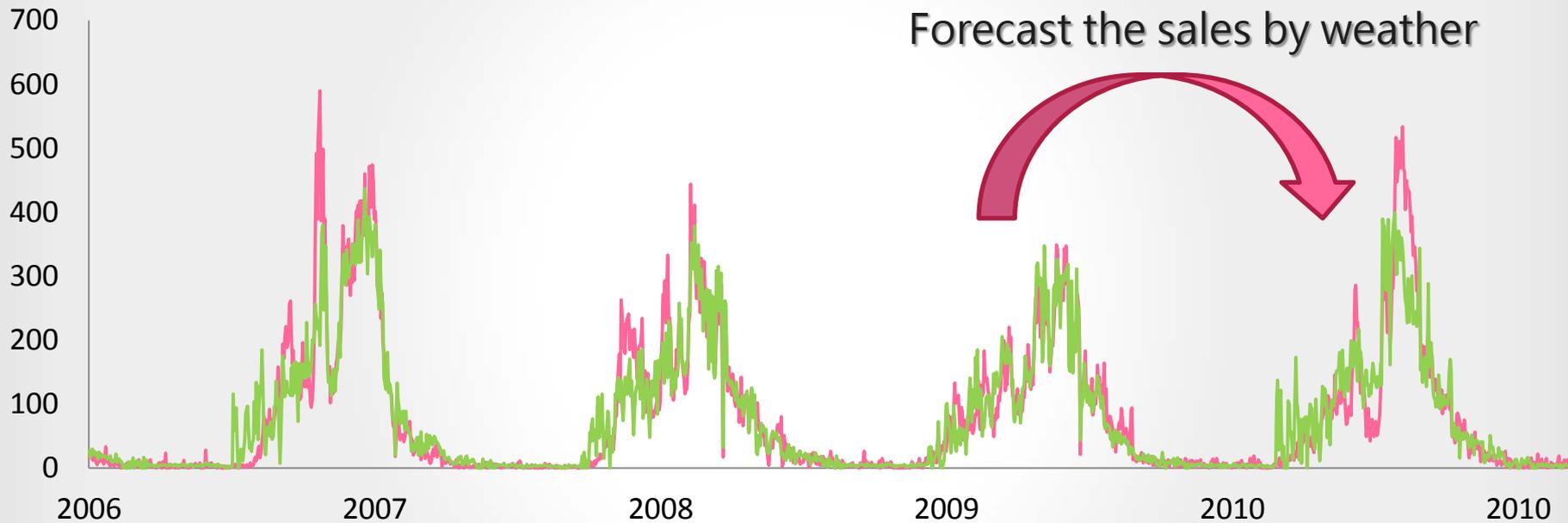
Find Trend with
Weather



Smart Purchase
and Inventory







— 實際銷售量 — 預測銷售量

Increase sales

- ✓ Inventory Management
- ✓ Benefit
- ✓ Fresh food
- ✓ Higher customer loyalty

Reduce Wastes

- ✓ accurate deployment of supply and demand
- ✓ reducing product markdowns
- ✓ Reduce food safety risks
- ✓ CSR



Farmers



Supermarkets



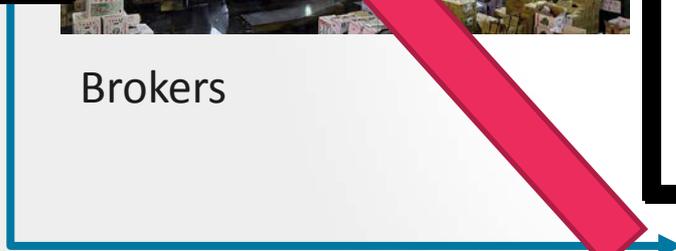
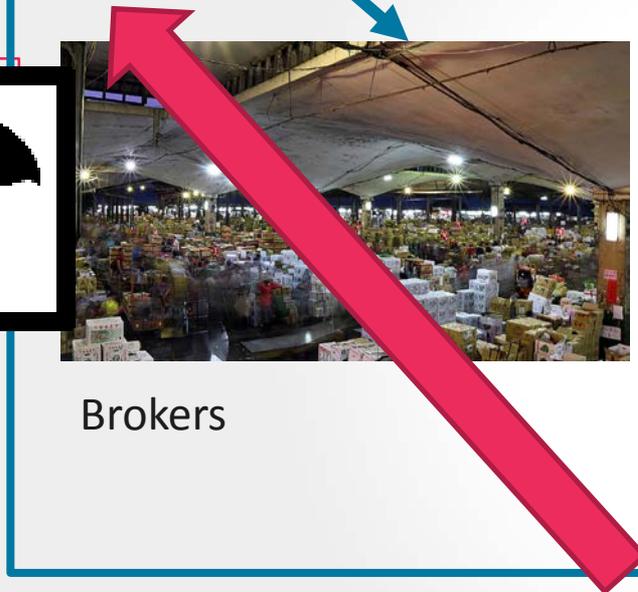
Brokers



Restaurants



Customers





Thank you

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