

政府数据开放与融合利用

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政府数据开放能带来什么？

我花了 14 个小时找了一下长春长生们究竟卖到了哪里去

前言

什么是第二类疫苗

第一类疫苗，是指政府免费向公民提供，公民应当依照政府的规定受种的疫苗，包括国家免疫规划确定的疫苗，省、自治区、直辖市人民政府在执行国家免疫规划时增加的疫苗，以及县级以上人民政府或者其卫生主管部门组织的应急接种或者群体性预防接种所使用的疫苗；

第二类疫苗，是指由公民自费并且自愿受种的其他疫苗。

常见的二类疫苗有：口服轮状病毒疫苗、甲肝疫苗、HIB疫苗、流感疫苗、狂犬病疫苗等。

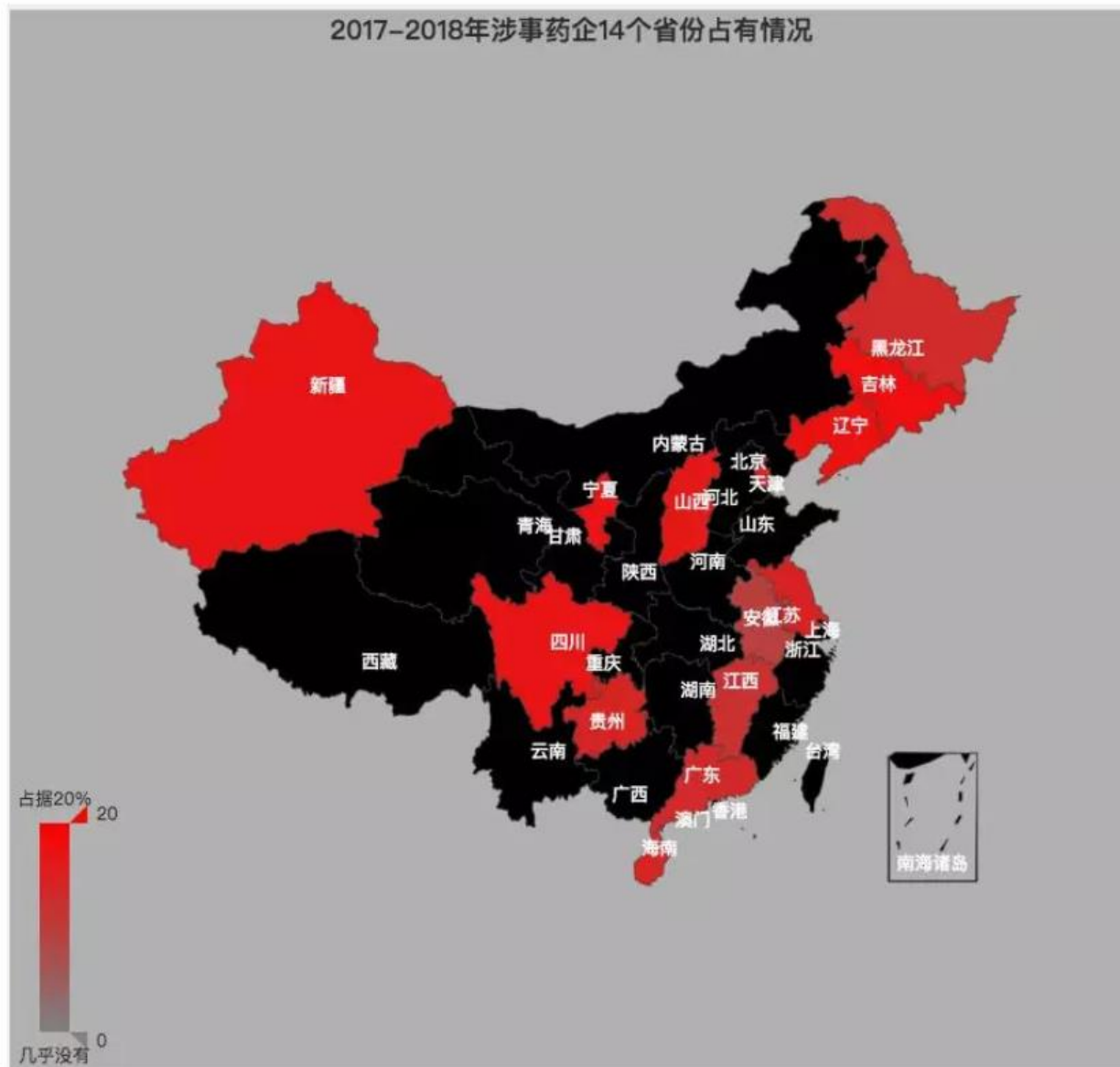
没想到获取的过程这么困难和艰辛

- 某些政府网站先登录才可以下载
- 有些政府网站被菠菜了
- 搜索框有，但是没得按
- 有些只有图片
- 有些只在公告出现过
- 找不到信息的有
 - 山东省，只看到新闻说建了可追溯的展示平台，不知道怎么追。。
 - 青海省，所有的第二类的价格信息全部转到:223.220.250.135:8038 无法查看
 - 西藏，神秘的力量导致无法搜索

如图,最终获取到 27 个省份的数据



长春长生等在14个有数据的省份供应商中均占有一席之地：

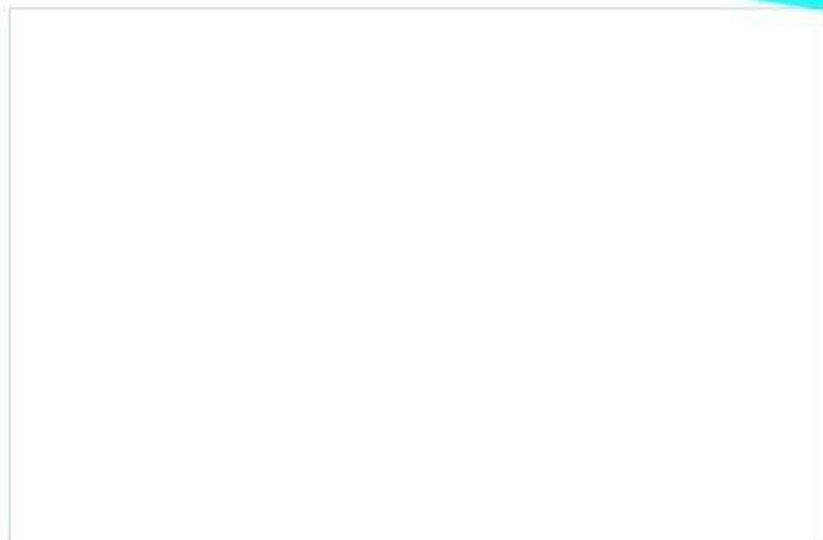


亮红色接近20%；暗红色接近10%；黑色的是没有获取到数据。





餐饮服务食品安全监督信息公示栏



餐饮业食品安全承诺书

为切实保障人民群众饮食健康安全，本业主郑重承诺如下：
严格遵守国家《食品安全法》等相关法律、法规，严格执行餐饮服务食品安全操作规范。牢固树立安全第一，诚信经营的理念，餐饮服务单位的业主（法人代表）作为饮食安全的第一责任人，对餐饮经营的食品安全负总责。

承诺单位业主：

日期：

健康证

餐饮服务食品安全等级公示 (Food Safety Grades Notification)



上年度综合等级



本次检查动态等级



A (优秀)



B (良好)



C (一般)

餐饮服务食品安全
监督员

餐饮服务食品安全
负责人 管理员



投诉举报电话
12331

兴安盟食品药品监督管理局制





DON'T EAT AT

Get a text message when you check into a NYC restaurant that is at risk of being closed for health code violations.

 SIGN IN WITH FOURSQUARE

[About](#) [Privacy](#) [@maxstoller](#)



Balompie Cafe > Health Inspections

Balompie Cafe

February 4, 2014 — Routine Inspection

Violations

- Inadequate or unsanitary refuse containers or area or no garbage service [date violation corrected: 2/4/2014]
- Improper storage of equipment utensils or linens [date violation corrected: 2/4/2014]
- Moderate risk food holding temperature [date violation corrected: 2/4/2014]

Previous Inspections

| Date | Inspection Type | Violations | Score |
|------------------|-----------------|------------|-------|
| August 1, 2013 | Routine | 3 | 89 |
| January 23, 2013 | Routine | 6 | 81 |
| August 22, 2012 | Routine | 0 | 100 |
| August 14, 2012 | Routine | 5 | 78 |

Health Score
92
out of 100

About Yelp Health Scores

We collect public inspection data directly from your local health department. Due to the local health department's inspection schedule as well as the time it takes to pass that information on to us, it is possible that we may not display the most recent inspection data. Please report any unreasonable delay and data inaccuracies to your local health department via their website or email.



141路/208路/50路等 ▶ 40路

1小时7分钟 · 13站 · 步行1.3公里 · 4元

起点(南京长途汽车东站)

步行338米(4分钟)

导航

玄武大道·长途东站

141路 或208路,50路,71路,206路,207路,...

南京站·北广场东方向

71路1站/2分钟后到玄武大道·长途东站

刷新

1站(9分钟) ⇅

新庄广场东站

步行208米(2分钟)

导航

新庄广场北站

40路

洋珠巷方向

12站(39分钟) ⇅



13路(南湖-南京站·南广场西)

首 04:30 末 23:00 实时

13路(南京站·南广场西-南湖)

首 05:00 末 23:40 实时

查看更多路线结果



国防园(公交站)

本站共有2个同名站台

收藏

搜周边

导航

添加行程

本站公交

21路

南京西站 ▶ 公交车辆厂

将在4站/9分钟后到达 国防园

公交车辆厂 ▶ 南京西站

将在2站/2分钟后到达 国防园

75路

宁工新寓 ▶ 春江新城北

春江新城北 ▶ 宁工新寓

134路

古平岗 ▶ 棉花堤渡口

将在1站/2分钟后到达 国防园

棉花堤渡口 ▶ 古平岗下客站

将在2站/4分钟后到达 国防园

d15路

海峡工业园总站 ▶ 汉中门总站

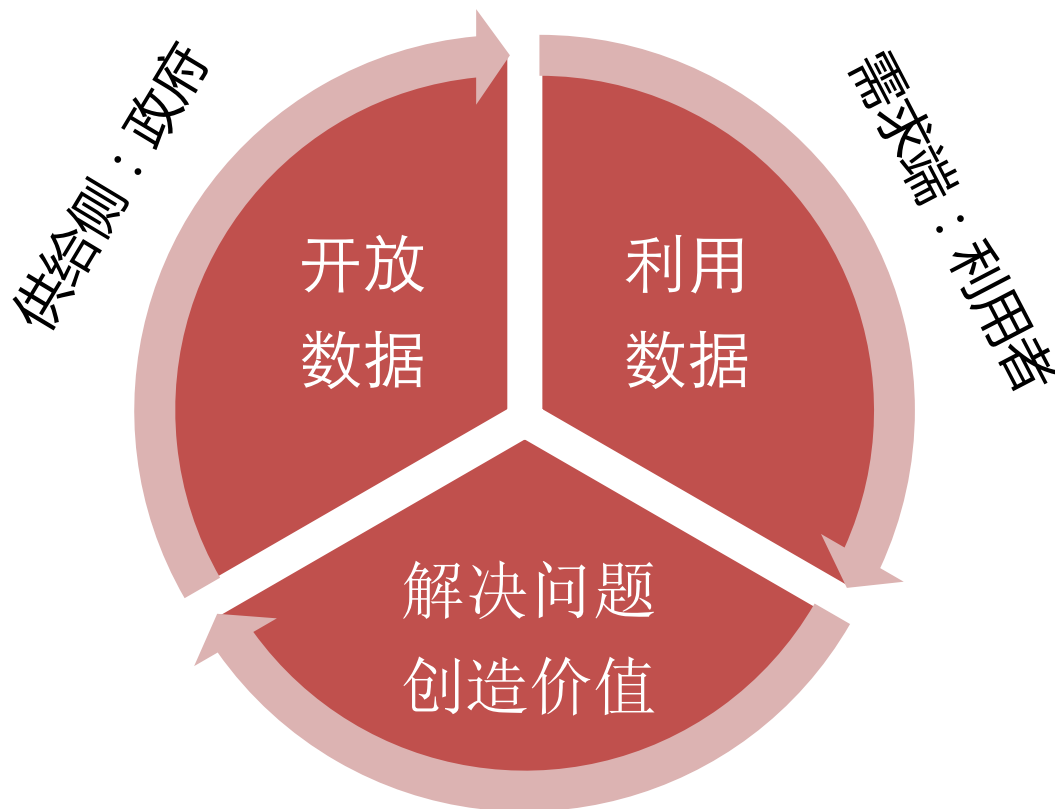
将在1站/1分钟后到达 国防园

汉中门总站 ▶ 海峡工业园总站



合作众创的治理模式

政府也是开放数据的受益者



用户和合作者：社会公众



怎样才能是真正的数据开放？

OPEN 开放

Technically open: available in a machine-readable standard format

技术性开放：以可机读标准格式开放

Legally open: explicitly licensed in a way that permits commercial and non-commercial use and re-use without restrictions

法律性开放：不受限制地明确允许商业和非商业利用和再利用



| | |
|--------------------------|----------------------------------|
| 完整的 Complete | 可机读 Machine-readable |
| 一手的 Primary | 非歧视 Non-discriminatory |
| 及时的 Timely | 非专属性 Non-proprietary |
| 可获取 Accessible | 免授权 License-free |



Unsaved View

Based on DOHMH New York City Restaurant Inspection Results
This dataset provides restaurant inspections, violations, grades and adjudication information

Find in this Dataset

| | CAMIS | DBA | BORO | BUILDING | STREET | PHONE | ZIPCODE | CUISINE DESCRIPTION | INSPECTION DATE | ACTION | VIOLATION CODE | VIOLATION DESCRIPTION |
|----|----------|----------------------|----------|----------|-----------------|------------|---------|---------------------|-----------------|---|----------------|---|
| 1 | 30075445 | MORRIS PARK BAKE SHC | BRONX | 1007 | MORRIS PARK AVE | 7188924968 | 10462 | Bakery | 02/18/2016 | Violations were cited in the following area(s). | 04L | Evidence of mice or live mice present in facility's |
| 2 | 30075445 | MORRIS PARK BAKE SHC | BRONX | 1007 | MORRIS PARK AVE | 7188924968 | 10462 | Bakery | 02/18/2016 | Violations were cited in the following area(s). | 08A | Facility not vermin proof. Harborage or condition |
| 3 | 30075445 | MORRIS PARK BAKE SHC | BRONX | 1007 | MORRIS PARK AVE | 7188924968 | 10462 | Bakery | 02/09/2015 | Violations were cited in the following area(s). | 06C | Food not protected from potential source of con |
| 4 | 30075445 | MORRIS PARK BAKE SHC | BRONX | 1007 | MORRIS PARK AVE | 7188924968 | 10462 | Bakery | 03/03/2014 | Violations were cited in the following area(s). | 10F | Non-food contact surface improperly constructe |
| 5 | 30075445 | MORRIS PARK BAKE SHC | BRONX | 1007 | MORRIS PARK AVE | 7188924968 | 10462 | Bakery | 10/10/2013 | No violations were recorded at the time of this inspection. | | |
| 6 | 30075445 | MORRIS PARK BAKE SHC | BRONX | 1007 | MORRIS PARK AVE | 7188924968 | 10462 | Bakery | 09/11/2013 | Violations were cited in the following area(s). | 04L | Evidence of mice or live mice present in facility's |
| 7 | 30075445 | MORRIS PARK BAKE SHC | BRONX | 1007 | MORRIS PARK AVE | 7188924968 | 10462 | Bakery | 09/11/2013 | Violations were cited in the following area(s). | 04N | Filth flies or food/refuse/sewage-associated (FF |
| 8 | 30075445 | MORRIS PARK BAKE SHC | BRONX | 1007 | MORRIS PARK AVE | 7188924968 | 10462 | Bakery | 08/14/2013 | Violations were cited in the following area(s). | 04C | Food worker does not use proper utensil to elin |
| 9 | 30075445 | MORRIS PARK BAKE SHC | BRONX | 1007 | MORRIS PARK AVE | 7188924968 | 10462 | Bakery | 08/14/2013 | Violations were cited in the following area(s). | 04L | Evidence of mice or live mice present in facility's |
| 10 | 30075445 | MORRIS PARK BAKE SHC | BRONX | 1007 | MORRIS PARK AVE | 7188924968 | 10462 | Bakery | 08/14/2013 | Violations were cited in the following area(s). | 06A | Personal cleanliness inadequate. Outer garne |
| 11 | 30075445 | MORRIS PARK BAKE SHC | BRONX | 1007 | MORRIS PARK AVE | 7188924968 | 10462 | Bakery | 08/14/2013 | Violations were cited in the following area(s). | 06C | Food not protected from potential source of con |
| 12 | 30075445 | MORRIS PARK BAKE SHC | BRONX | 1007 | MORRIS PARK AVE | 7188924968 | 10462 | Bakery | 08/14/2013 | Violations were cited in the following area(s). | 08A | Facility not vermin proof. Harborage or condition |
| 13 | 30075445 | MORRIS PARK BAKE SHC | BRONX | 1007 | MORRIS PARK AVE | 7188924968 | 10462 | Bakery | 08/14/2013 | Violations were cited in the following area(s). | 10F | Non-food contact surface improperly constructe |
| 14 | 30075445 | MORRIS PARK BAKE SHC | BRONX | 1007 | MORRIS PARK AVE | 7188924968 | 10462 | Bakery | 06/01/2013 | Violations were cited in the following area(s). | 16B | The original nutritional fact labels and/or ingred |
| 15 | 30112340 | WENDY'S | BROOKLYN | 469 | FLATBUSH AVENUE | 7182875005 | 11225 | Hamburgers | 04/30/2016 | Violations were cited in the following area(s). | 06B | Tobacco use, eating, or drinking from open cont |
| 16 | 30112340 | WENDY'S | BROOKLYN | 469 | FLATBUSH AVENUE | 7182875005 | 11225 | Hamburgers | 04/30/2016 | Violations were cited in the following area(s). | 08C | Pesticide use not in accordance with label or ap |
| 17 | 30112340 | WENDY'S | BROOKLYN | 469 | FLATBUSH AVENUE | 7182875005 | 11225 | Hamburgers | 04/30/2016 | Violations were cited in the following area(s). | 10B | Plumbing not properly installed or maintained; i |
| 18 | 30112340 | WENDY'S | BROOKLYN | 469 | FLATBUSH AVENUE | 7182875005 | 11225 | Hamburgers | 04/30/2016 | Violations were cited in the following area(s). | 10E | Accurate thermometer not provided in refrigerat |
| 19 | 30112340 | WENDY'S | BROOKLYN | 469 | FLATBUSH AVENUE | 7182875005 | 11225 | Hamburgers | 04/30/2016 | Violations were cited in the following area(s). | 15I | "No Smoking and/or 'Smoking Permitted sign r |
| 20 | 30112340 | WENDY'S | BROOKLYN | 469 | FLATBUSH AVENUE | 7182875005 | 11225 | Hamburgers | 04/30/2016 | Violations were cited in the following area(s). | 15L | Smoke free workplace smoking policy inadequ |
| 21 | 30112340 | WENDY'S | BROOKLYN | 469 | FLATBUSH AVENUE | 7182875005 | 11225 | Hamburgers | 04/12/2016 | No violations were recorded at the time of this inspection. | | |
| 22 | 30112340 | WENDY'S | BROOKLYN | 469 | FLATBUSH AVENUE | 7182875005 | 11225 | Hamburgers | 05/07/2015 | Violations were cited in the following area(s). | 04A | Food Protection Certificate not held by supervis |
| 23 | 30112340 | WENDY'S | BROOKLYN | 469 | FLATBUSH AVENUE | 7182875005 | 11225 | Hamburgers | 05/07/2015 | Violations were cited in the following area(s). | 10B | Plumbing not properly installed or maintained; i |
| 24 | 30112340 | WENDY'S | BROOKLYN | 469 | FLATBUSH AVENUE | 7182875005 | 11225 | Hamburgers | 12/30/2014 | Violations were cited in the following area(s). | 06C | Food not protected from potential source of con |
| 25 | 30112340 | WENDY'S | BROOKLYN | 469 | FLATBUSH AVENUE | 7182875005 | 11225 | Hamburgers | 12/30/2014 | Violations were cited in the following area(s). | 10F | Non-food contact surface improperly constructe |
| 26 | 30112340 | WENDY'S | BROOKLYN | 469 | FLATBUSH AVENUE | 7182875005 | 11225 | Hamburgers | 11/13/2014 | Violations were cited in the following area(s). | 04H | Raw, cooked or prepared food is adulterated, cc |
| 27 | 30112340 | WENDY'S | BROOKLYN | 469 | FLATBUSH AVENUE | 7182875005 | 11225 | Hamburgers | 11/13/2014 | Violations were cited in the following area(s). | 06A | Personal cleanliness inadequate. Outer garne |
| 28 | 30112340 | WENDY'S | BROOKLYN | 469 | FLATBUSH AVENUE | 7182875005 | 11225 | Hamburgers | 11/13/2014 | Violations were cited in the following area(s). | 10F | Non-food contact surface improperly constructe |
| 29 | 30112340 | WENDY'S | BROOKLYN | 469 | FLATBUSH AVENUE | 7182875005 | 11225 | Hamburgers | 07/01/2014 | Violations were cited in the following area(s). | 02G | Cold food item held above 41Â° F (smoked fish |

没想到获取的过程这么困难和艰辛

- 某些政府网站先登录才可以下载
- 有些政府网站被菠菜了
- 搜索框有，但是没得按
- 有些只有图片
- 有些只在公告出现过
- 找不到信息的有
 - 山东省，只看到新闻说建了可追溯的展示平台，不知道怎么追。。
 - 青海省，所有的第二类的价格信息全部转到:223.220.250.135:8038 无法查看
 - 西藏，神秘的力量导致无法搜索

如图,最终获取到 27 个省份的数据



数据整理

由于不是专业的医药人士，所以统一把数据整理成以下的 csv 格式

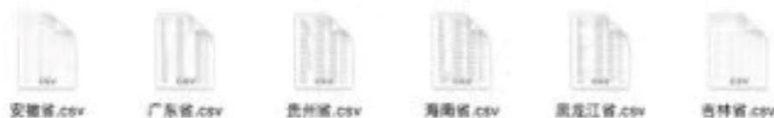
通用名,来源,生产企业,申报企业,省,中标年份 name,src,create_company,report_company,prov,year

各项含义如下:

- 通用名: 药名 -> name
- 来源: 国产 /进口 -> src
- 生产企业 -> create_company
- 申报企业: 如果为空再填充为生产企业 -> report_company
- 省 -> prov
- 中标年份 -> year

又因为整理非 XLS 的文件消耗大量的时间

暂时也得先延后，先把成型的数据集提取



为什么开放政府数据这么难？



懂不懂数据开放？

•数据开放、数据共享、信息公开.....





愿不愿意开放数据？

- 数据是权力和利益
- 组织文化/动力：多做多错，少做少错





可不可以开放数据？

- 开放与安全
- 国家秘密、商业秘密、个人隐私

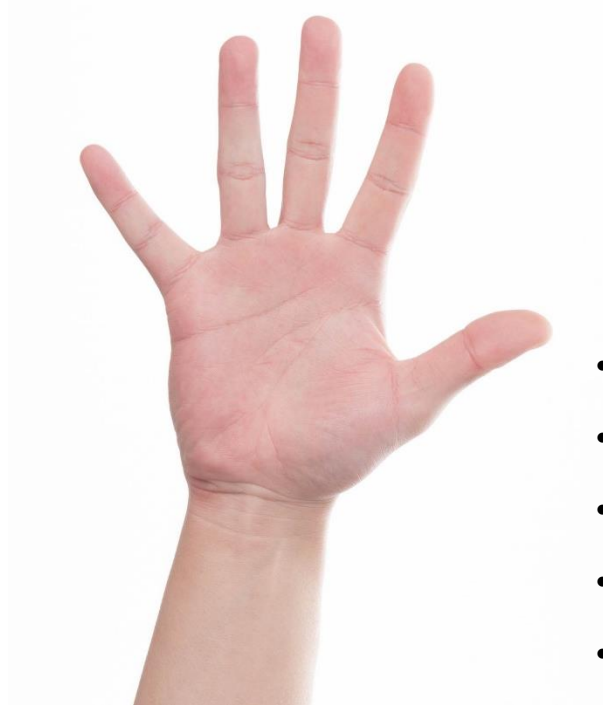




能力够不够？

- 组织架构
- 体制机制
- 职能职责
- 人员能力
- 经费保障
- 技术基础设施





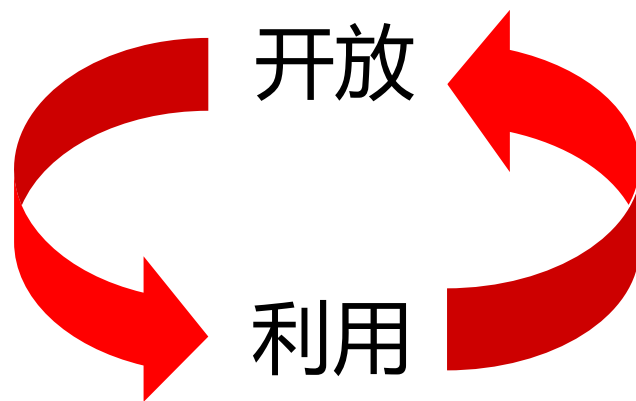
数据在哪里？ 数据好不好？

- 纸质化
- 碎片化
- 未标准化
- 数据质量
- 数据价值



如何推进数据开放与融合利用？

开放数据
推进利用
打造生态



创造价值
提出需求
促进开放





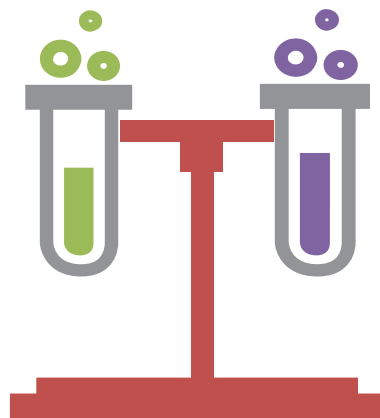
| 地方 | 数据层指数 | 数据层排名 | 平台层指数 | 平台层排名 | 准备度指数 | 准备度排名 | 开放数林指数 | 总排名 |
|----|-------|-------|-------|-------|-------|-------|--------|-----|
| 上海 | 59.50 | 1 | 54.30 | 2 | 69.76 | 1 | 60.76 | 1 |
| 贵州 | 55.35 | 2 | 54.30 | 2 | 68.86 | 2 | 58.47 | 2 |
| 山东 | 40.10 | 5 | 58.90 | 1 | 59.20 | 3 | 49.57 | 3 |
| 广东 | 44.26 | 3 | 42.60 | 6 | 45.50 | 6 | 44.16 | 4 |
| 北京 | 41.56 | 4 | 43.90 | 5 | 43.88 | 7 | 42.73 | 5 |
| 江西 | 28.71 | 6 | 39.40 | 7 | 47.00 | 5 | 35.95 | 6 |
| 浙江 | 27.57 | 7 | 23.80 | 8 | 57.44 | 4 | 34.09 | 7 |
| 宁夏 | 22.89 | 8 | 44.10 | 4 | 25.00 | 8 | 28.72 | 8 |



| No. | 平台名称 | 地点 | 层级 | 平台域名 |
|-----|---------------|----------|-----|---|
| 1 | 北京市政务数据资源网 | 北京市 | 省级 | http://www.bjdata.gov.cn/ |
| 2 | 开放广东 | 广东省 | 省级 | http://www.gddata.gov.cn/ |
| 3 | 贵州省政府数据开放平台 | 贵州省 | 省级 | http://www.gzdata.gov.cn/ |
| 4 | 江西省政府数据开放网站 | 江西省 | 省级 | http://data.jiangxi.gov.cn/ |
| 5 | 开放宁夏 | 宁夏回族自治区 | 省级 | http://ningxiadata.gov.cn/ |
| 6 | 山东公共数据开放网 | 山东省 | 省级 | http://data.sd.gov.cn/ |
| 7 | 上海政府数据服务网 | 上海市 | 省级 | http://www.datashanghai.gov.cn/ |
| 8 | 浙江政务服务网 | 浙江省 | 省级 | http://data.zjzfw.gov.cn/ |
| 9 | 广州市政府数据统一开放平台 | 广东省广州市 | 副省级 | http://www.datagz.gov.cn/ |
| 10 | 深圳市政府数据开放平台 | 广东省深圳市 | 副省级 | http://opendata.sz.gov.cn/ |
| 11 | 哈尔滨市数据开放 | 黑龙江省哈尔滨市 | 副省级 | http://data.harbin.gov.cn |
| 12 | 武汉政府公开数据服务网 | 湖北省武汉市 | 副省级 | http://www.wuhandata.gov.cn |
| 13 | 济南市公共数据开放网 | 山东省济南市 | 副省级 | http://www.jndata.gov.cn |
| 14 | 青岛市公共数据开放网 | 山东省青岛市 | 副省级 | http://data.qingdao.gov.cn |



开放利用



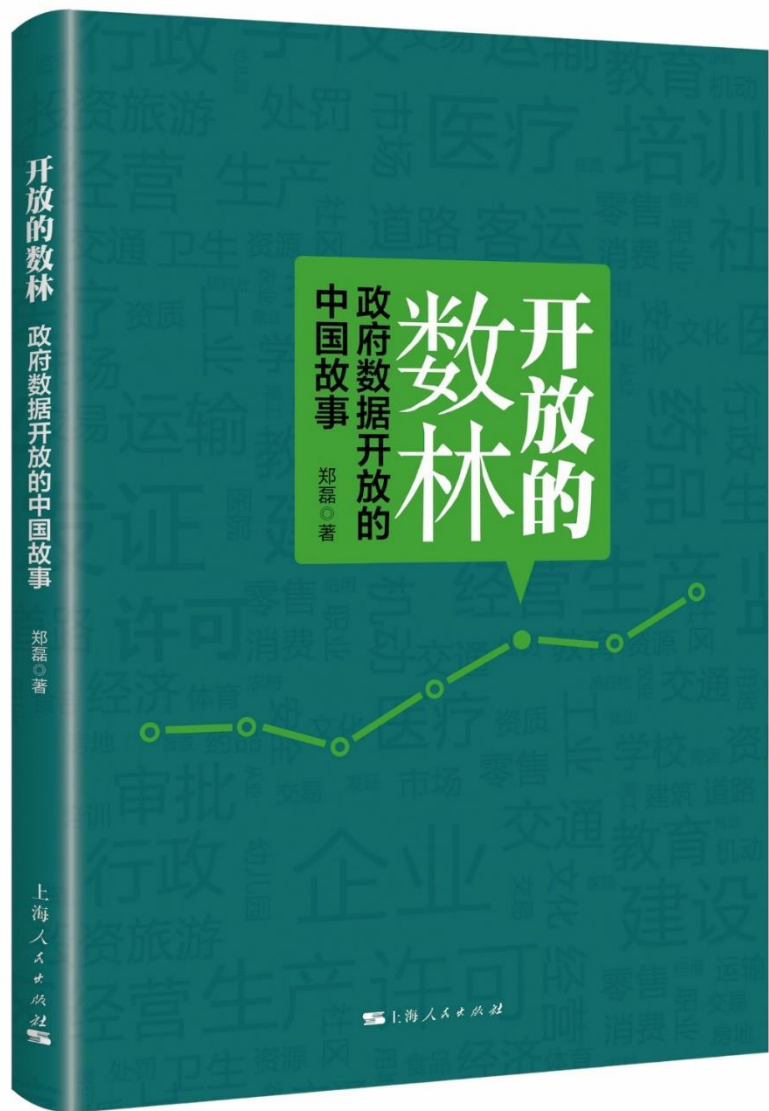
安全保护





上海市大数据联合创新实验室





数字经济和智能时代 建立在开放数据的基础上





www.dmg.fudan.edu.cn

wangxiang18@fudan.edu.cn

