



Power BI Mixtape (Web Scraping)

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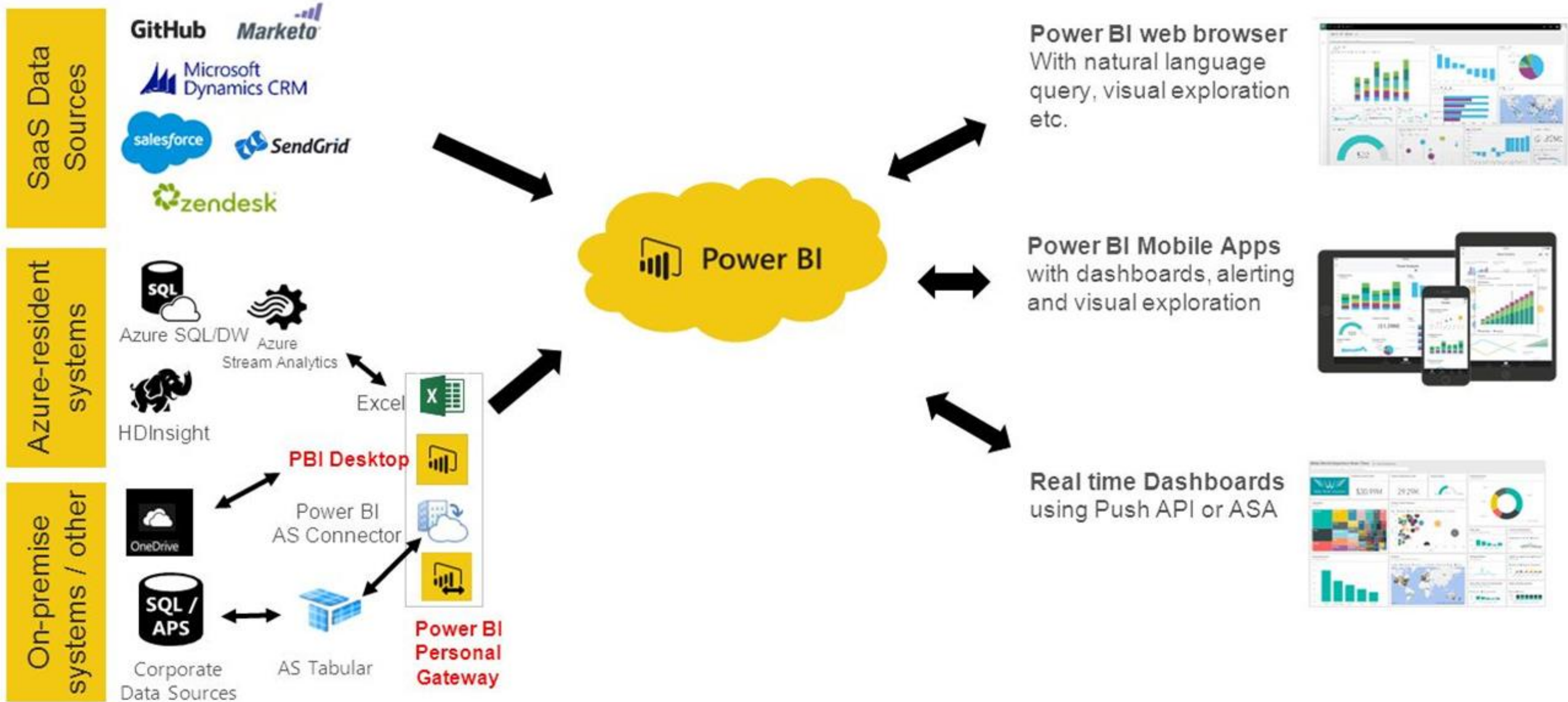
Agenda

- Introduction & Architecture
- Web Scraping
- Demo
- Q & A (during/after demo)

Power BI Architecture

Gateway

Bring your data.....to life



Options

GLOBAL

Data Load
Power Query Editor
DirectQuery
R scripting
Security
Privacy
Updates
Usage Data
Diagnostics
Preview features
Auto recovery

CURRENT FILE

Data Load
Regional Settings
Privacy
Auto recovery
Query reduction
Report settings

Preview features

The following features are available for you to try in this release. Preview features might change or be removed in future releases.

- ☒ Shape map visual [Learn more](#)
- ☒ Custom report themes [Learn more](#)
- ☒ New From Web experience [Learn more](#)
- ☒ Spanish language support for Q&A [Learn more](#)
- ☒ Custom data connectors [Learn more](#)
- ☒ Group cubes by companies in the Adobe Analytics connector [Learn more](#)
- ☒ Q&A [Learn more](#)
- ☒ Show dates as a hierarchy in the fields list [Learn more](#)
- ☒ Report page tooltips [Learn more](#)
- ☒ Incremental Refresh Policies [Learn more](#)

OK

Cancel

1. Download latest Power BI Desktop

<https://powerbi.microsoft.com/en-us/downloads/>

1. Enable the required setting

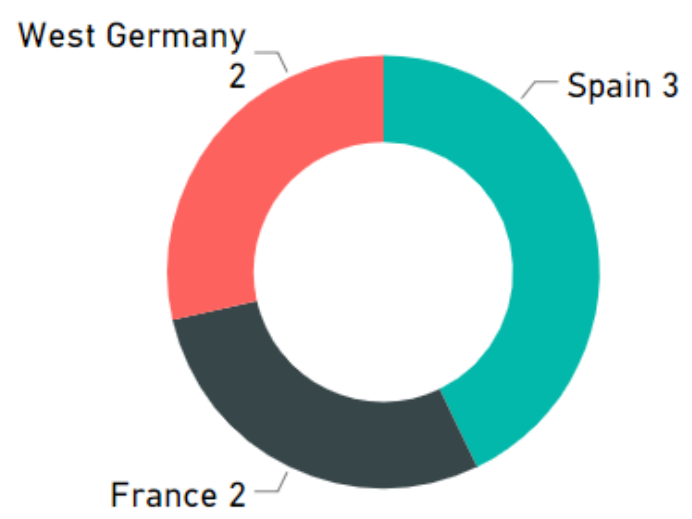
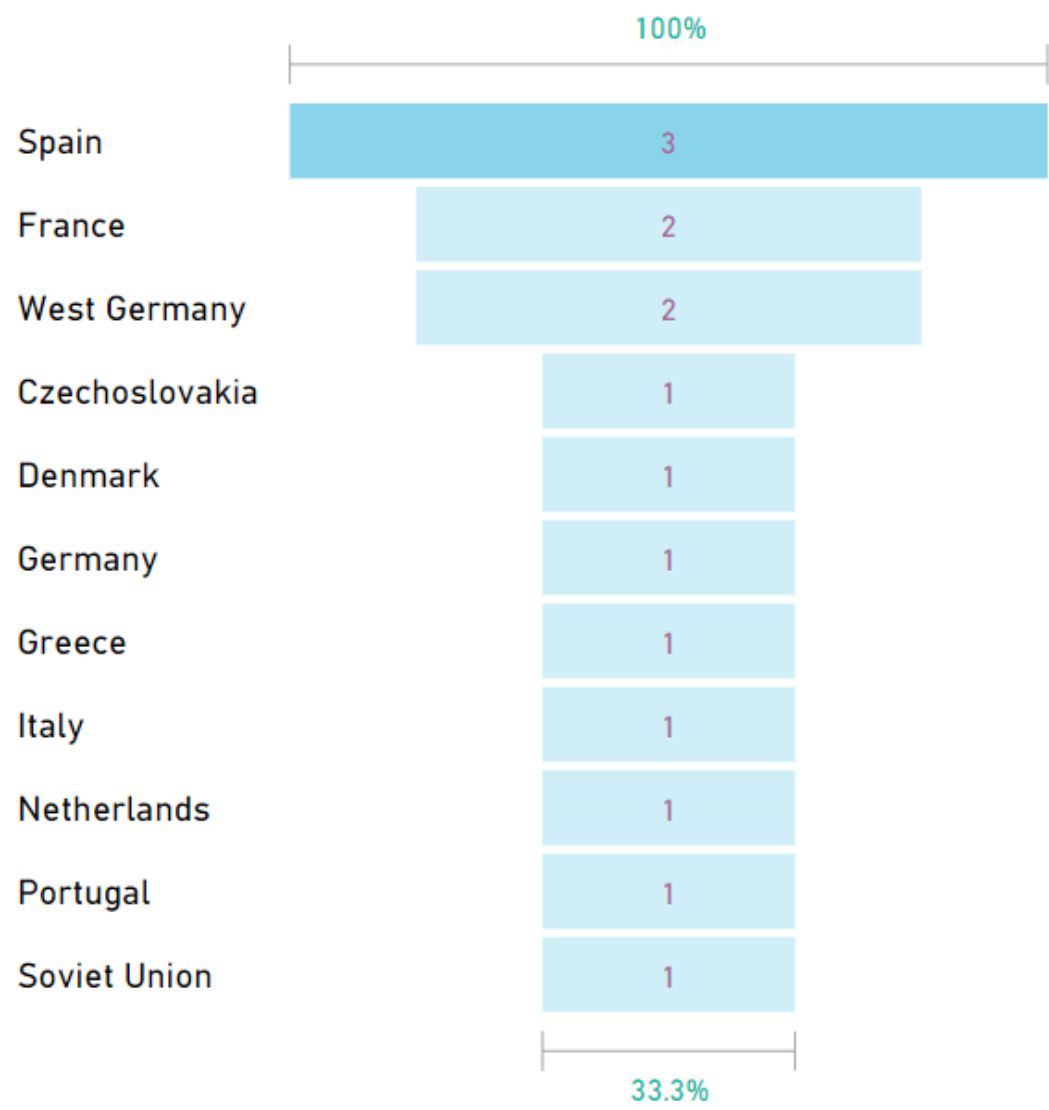
Web Scrapping

- How it works
- How to plan/architecture
- Analysis of web content & structure
- Ingestion -> Refurbish -> Consume -> Publish -> Share



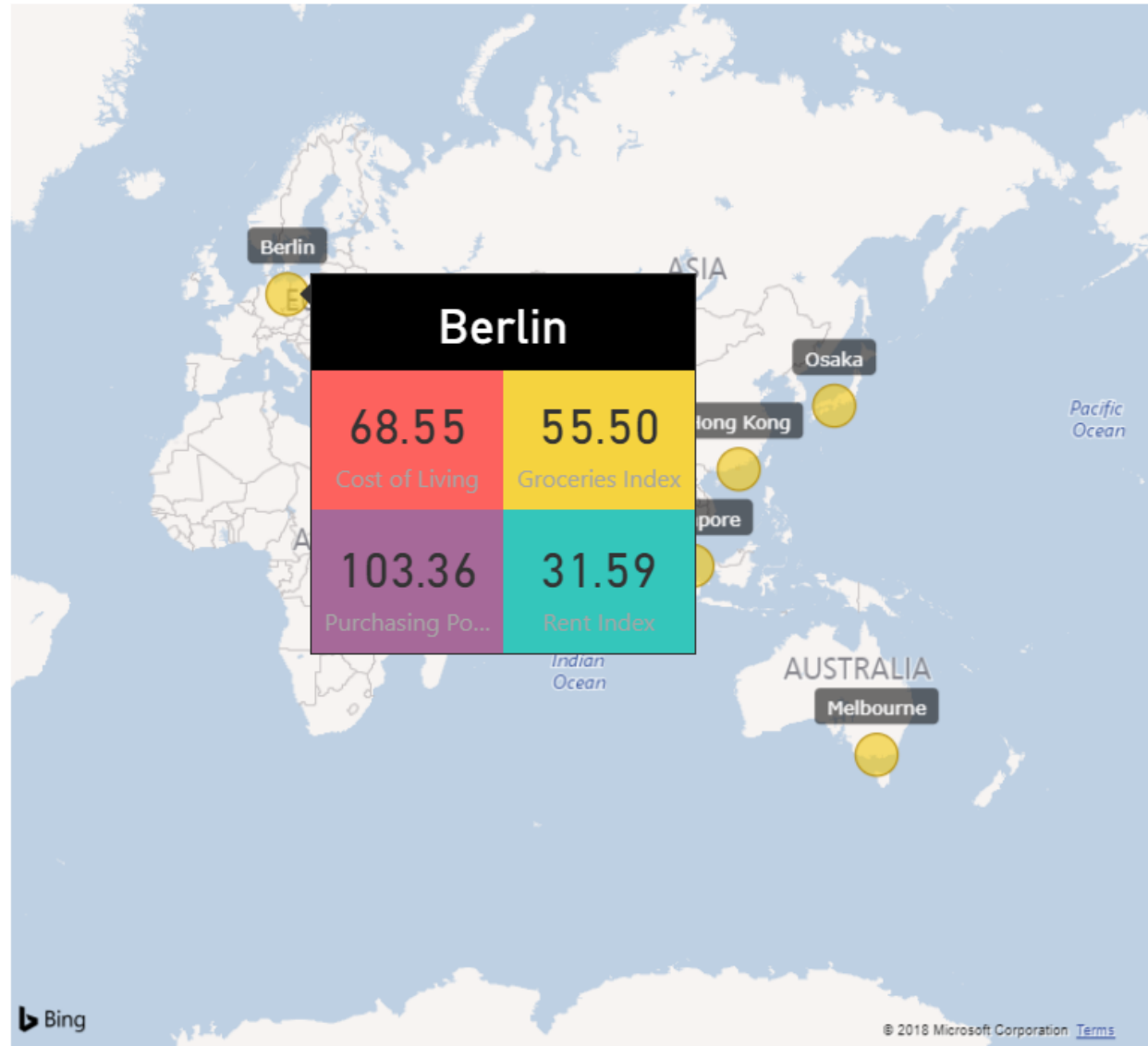
Demo Time 😊

Year	Winners
1960	Soviet Union
1964	Spain
1968	Italy
1972	West Germany
1976	Czechoslovakia
1980	West Germany
1984	France
1988	Netherlands
1992	Denmark
1996	Germany
2000	France
2004	Greece
2008	Spain
2012	Spain
2016	Portugal
2020	
2024	

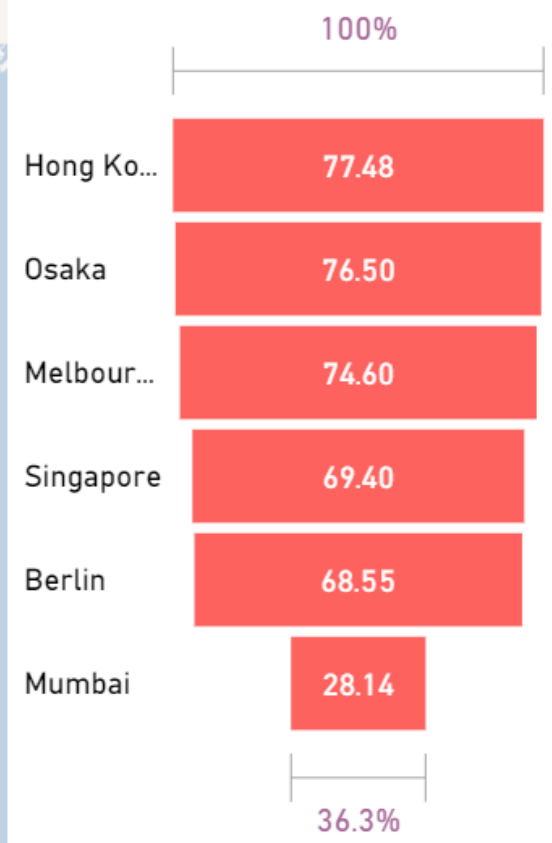


- Country Name
- ☒ Australia
 - ☒ Germany
 - ☒ Hong Kong
 - ☒ India
 - ☒ Japan
 - ☒ Singapore

- City Name
- ☐ Aachen
 - ☐ Adelaide
 - ☐ Ahmedabad
 - ☐ Bangalore
 - ☒ Berlin
 - ☐ Bhopal
 - ☐ Bhubaneswar
 - ☐ Bonn
 - ☐ Bremen
 - ☐ Brisbane
 - ☐ Canberra
 - ☐ Chandigarh
 - ☐ Chennai



Cost of Living Index



- ☐ 1 min. of Prepaid Mobile Tariff Local (No Discounts or Plans)
- ☐ 1 Pair of Jeans (Levis 501 Or Similar)
- ☐ 1 Pair of Men Leather Business Shoes
- ☐ 1 Pair of Nike Running Shoes (Mid-Range)
- ☐ 1 Summer Dress in a Chain Store (Zara, H&M, ...)
- ☐ Apartment (1 bedroom) in City Centre
- ☐ Apartment (1 bedroom) Outside of Centre
- ☐ Apartment (3 bedrooms) in City Centre
- ☐ Apartment (3 bedrooms) Outside of Centre
- ☒ Apples (1kg)
- ☐ Average Monthly Net Salary (After Tax)
- ☐ Banana (1kg)
- ☐ Basic (Electricity, Heating, Cooling, Water, Garbage) for 85m2 Apartme...
- ☐ Beef Round (1kg) (or Equivalent Back Leg Red Meat)
- ☐ Bottle of Wine (Mid-Range)
- ☐ Buffalo Round (1kg) (or Equivalent Back Leg Red Meat)
- ☐ Cappuccino (regular)
- ☐ Chicken Breasts (Boneless, Skinless), (1kg)
- ☐ Cigarettes 20 Pack (Marlboro)
- ☐ Cinema, International Release, 1 Seat
- ☐ Coke/Pepsi (0.33 liter bottle)
- ☐ Domestic Beer (0.5 liter bottle)
- ☐ Domestic Beer (0.5 liter draught)
- ☐ Eggs (regular) (12)
- ☐ Fitness Club, Monthly Fee for 1 Adult

CityNameCost

Tokyo845.00 ¥

Sydney4.20 A\$

Singapore3.67 S\$

Vancouver3.67 C\$

Ottawa3.43 C\$

Paris2.69 €

Munich2.31 €

Mumbai159.97 Rs

FILTERS

Examples

- http://en.wikipedia.org/wiki/UEFA_European_Football_Championship
- <https://www.numbeo.com/cost-of-living/>

Resources

- <https://sqldusty.com/2017/05/19/power-bi-architecture-diagram-v3-is-now-available/>
- <https://www.youtube.com/watch?v=RnMrGaiVWtQ>
- Source: **Numbeo** - <https://www.numbeo.com>

Thank you [Numbeo](https://www.numbeo.com) ☺ Keep up the great work.



Q & A