# Power BI Desktop







# **Magic Quadrant**

Figure 1: Magic Quadrant for Analytics and Business Intelligence Platforms

https://www.gartner.com/doc/reprints?id=1-2CF2LJQ8&ct=230130&st=sb



Gartner.

Forrester Wave™: Augmented Business Intelligence Platforms, Q2 2023

## THE FORRESTER WAVE™

Augmented Business Intelligence Platforms Q2 2023

https://reprints2.forrester.com/#/assets/2/1 08/RES178493/report



Source: Forrester Research, Inc. Unauthorized reproduction, citation, or distribution prohibited.

# Power BI tiene tres componentes principales:

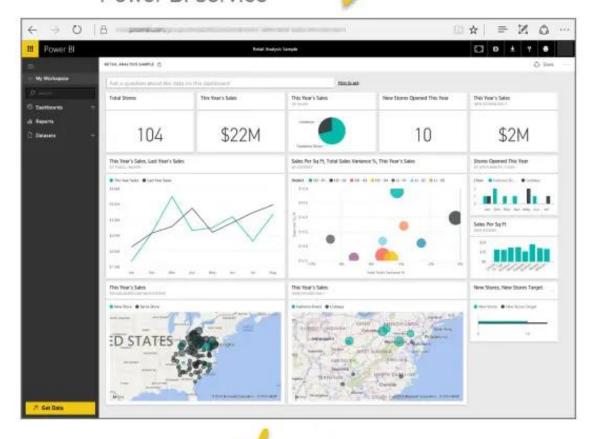
### Power BI Desktop



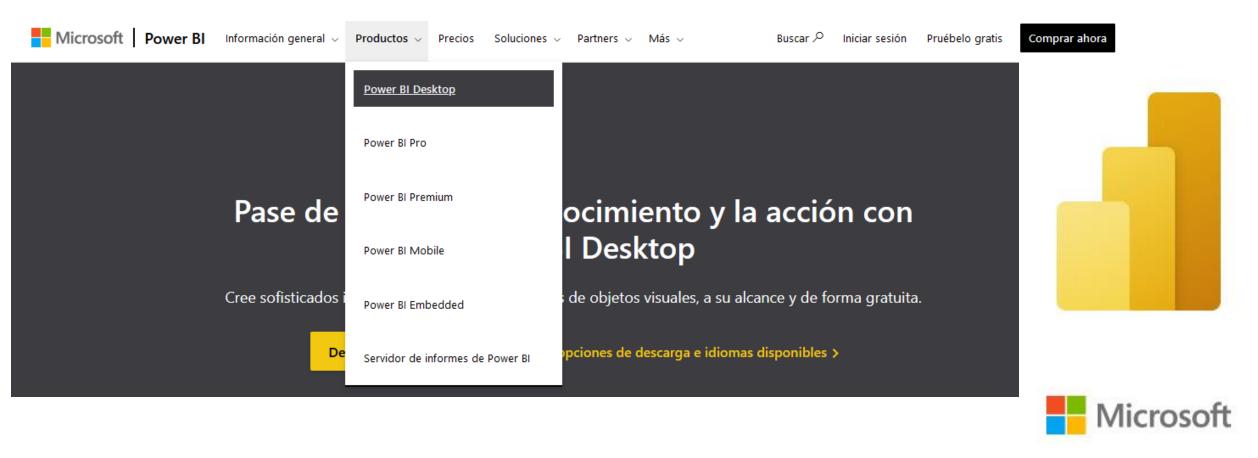


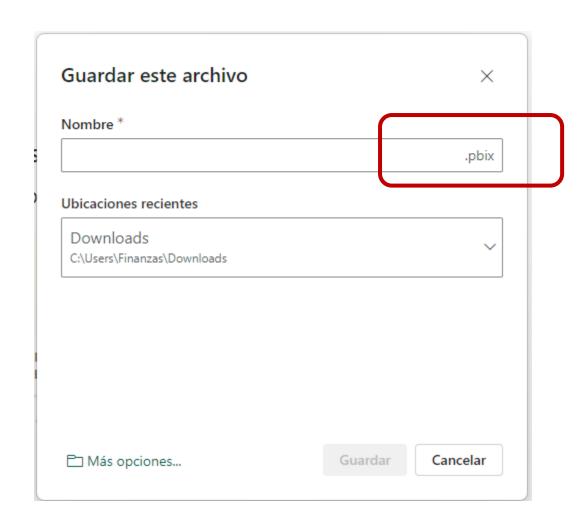
Power BI Mobile

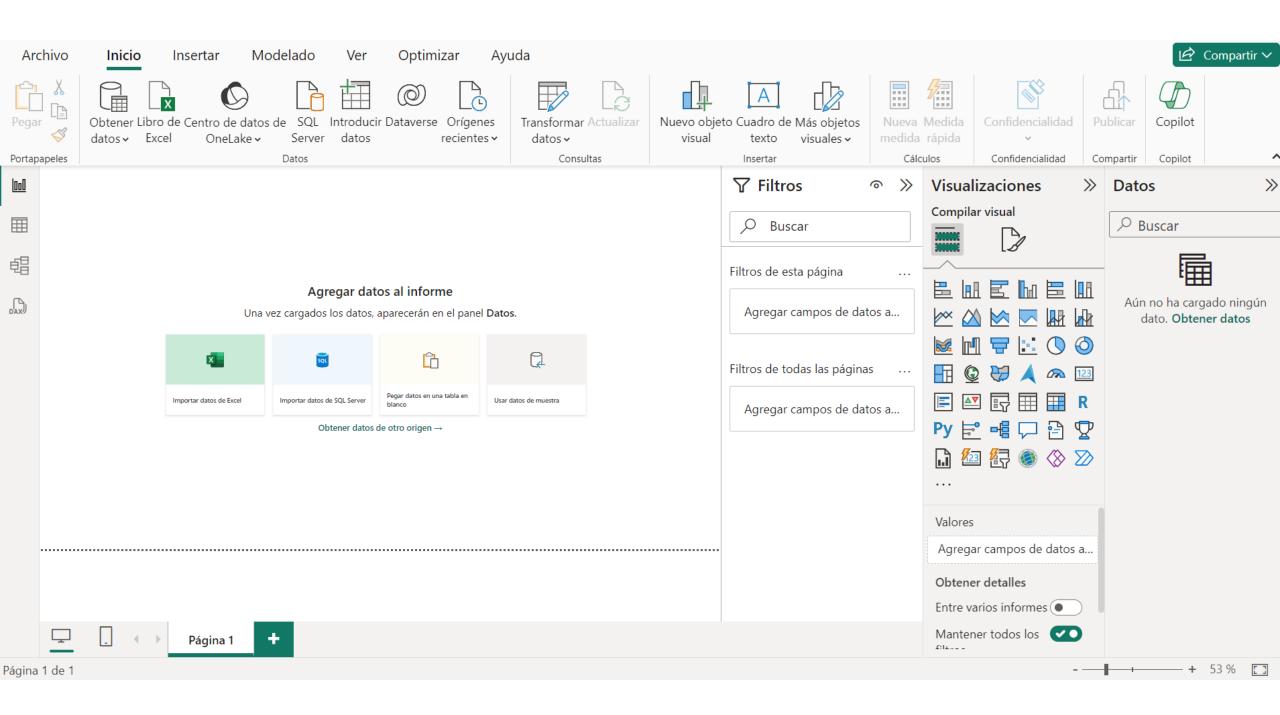
#### Power BI service

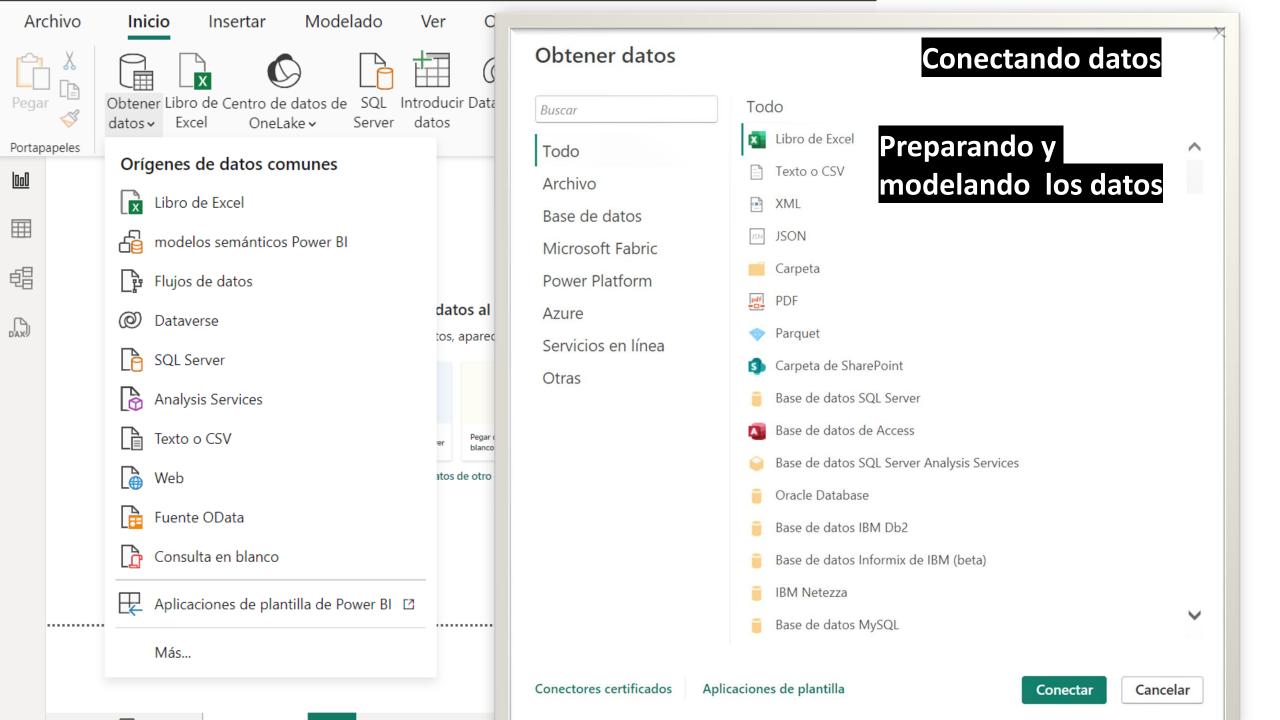


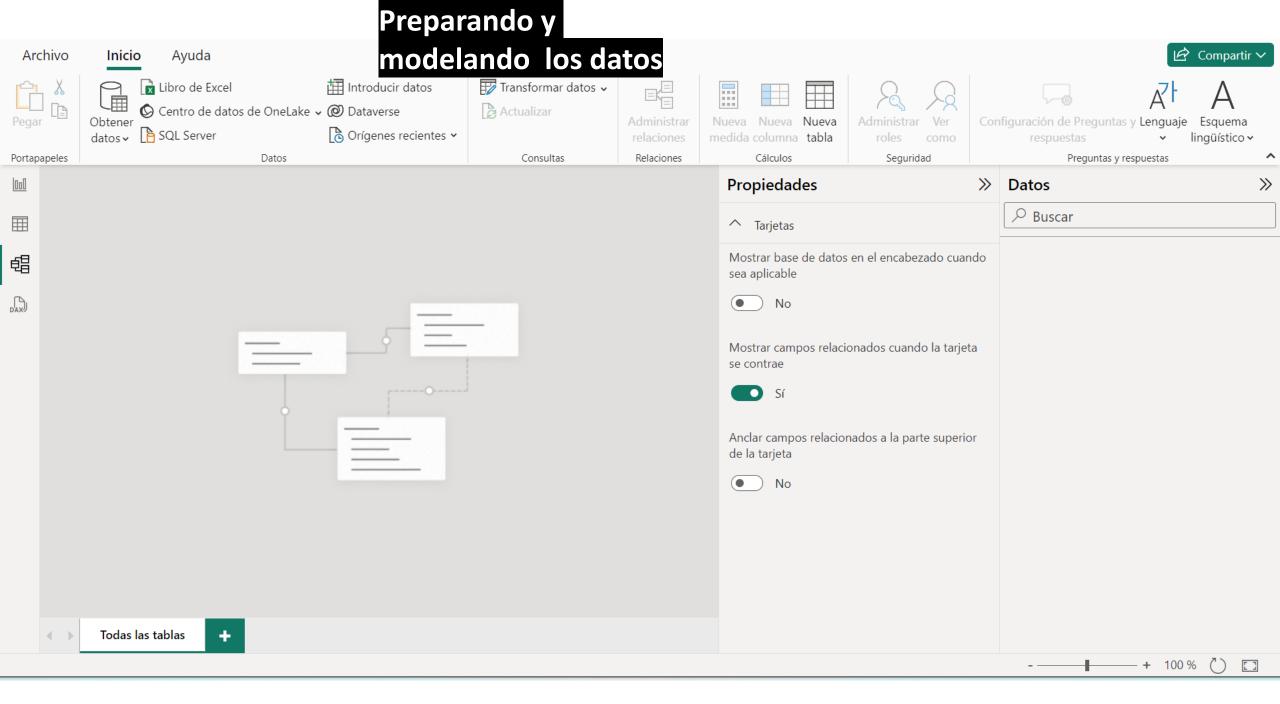
### https://powerbi.microsoft.com/es-es/desktop/



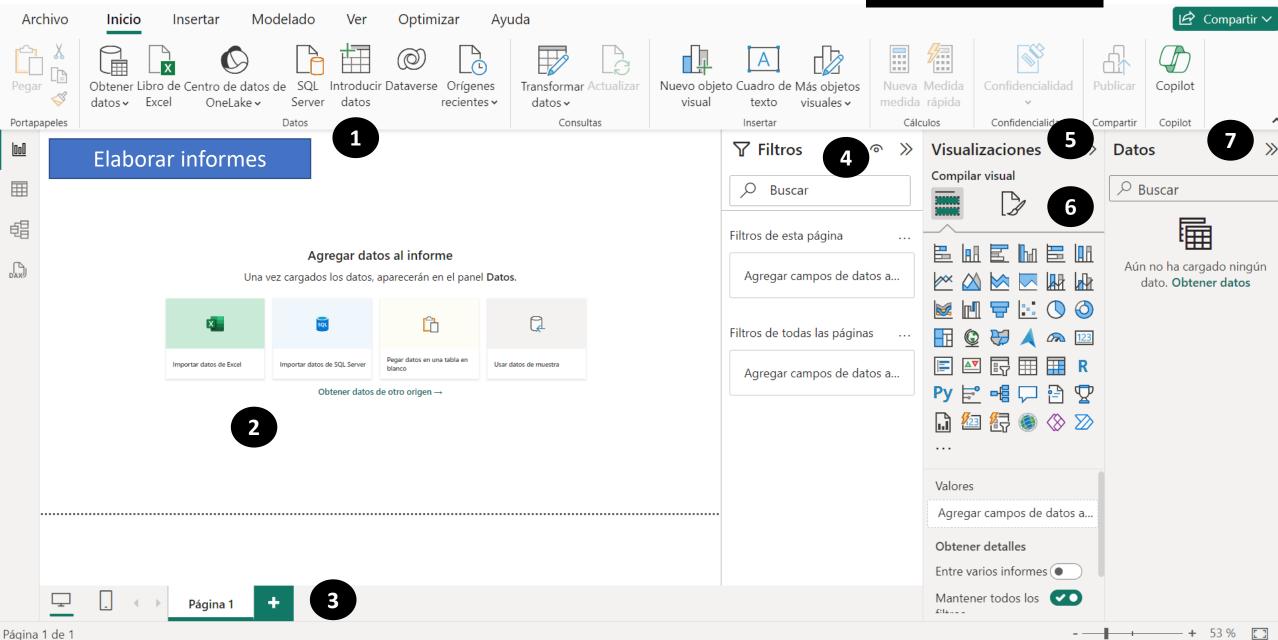






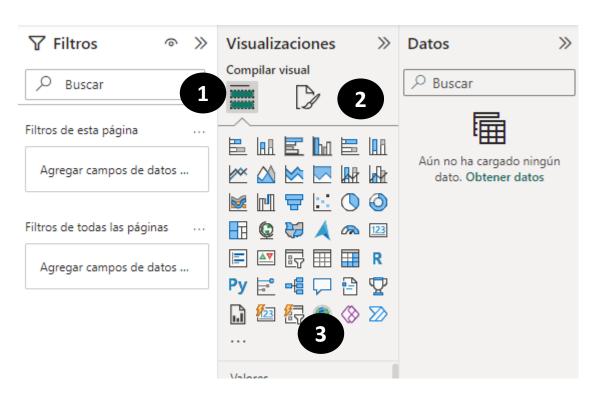


# **VISUALIZACIONES**



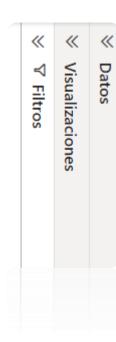
- 1.- La cinta en la parte superior, en la que se muestran las tareas comunes asociadas con los informes y las visualizaciones.
- 2.- El área de lienzo del centro, donde se pueden crear y organizar las visualizaciones.
- **3.-** El área de pestañas de página en la parte inferior, que permite seleccionar o agregar páginas del informe.
- **4.-** El panel **Filtros**, donde puede filtrar las visualizaciones de datos.
- **5.-** El panel **Visualizaciones**, donde puede agregar, cambiar o personalizar visualizaciones, y aplicar la obtención de detalles.
- **6.-** El panel **Formato**, donde se diseñan el informe y las visualizaciones.
- **7.-** El panel **Campos**, donde se muestran los campos disponibles en las consultas. Puede arrastrar estos campos al lienzo, el panel **Filtros** o el panel **Visualizaciones** para crear o modificar visualizaciones.

### Filtros, Visualizaciones y Campos



### **Puede expandir y contraer los paneles**

Al contraer los paneles se proporciona más espacio en el lienzo para crear visualizaciones interesantes



- **1.-** La opción **Campos** del panel **Visualización** permite arrastrar campos de datos a **Leyenda** y otras áreas de campos del panel.
- 2.- La opción Formato permite aplicar formato y otros controles a las visualizaciones.
- 3.- Los iconos muestran el tipo de visualización creado.

Puede cambiar el tipo de una visualización **seleccionada si selecciona otro icono**, o bien crear una visualización si selecciona un icono sin ninguna visualización existente seleccionada.



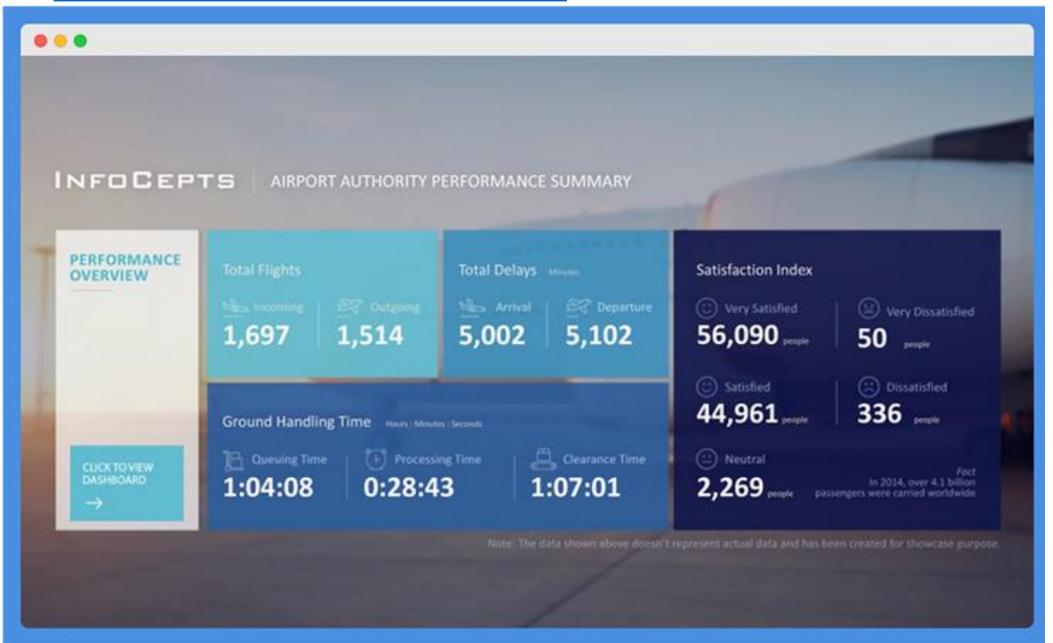
Internet, Reporting & Analytics

# 15 Best Power BI Dashboard Examples in 2024

https://rigorousthemes.com/blog/best-power-bi-dashboard-examples/

#### **Best Power BI Dashboard Examples**

1. Airport Authority Performance Power BI Dashboard





INFOCEPTS Clear All Filters OVERVIEW FLIGHT ANALYSIS PASSENGER FEEDBACK

Total No. of Flights

3211

Total No. of Incoming Flights

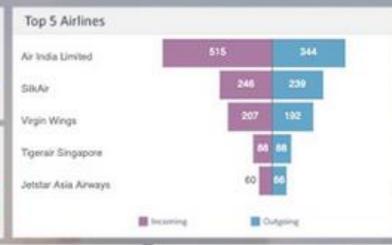
1697

Total No. of **Outgoing Flights** 

1514

Count of Flight Type

10







Delay by Arriv	al Airport	Delay by Depar	ture Airport	Cumulative	Delays
Airlines	Hong Kong International Airport	Indira Gandhi International Airport	Shanghai Pudong International Airport	Singapore Changi Airport	Sydney Kingsford Smith International Airport
Air India Limited	31	194	20		22
Jetstar Airways		5			
SilkAir		147	150		50
Tigerair Singapore	53	966		213	100
Virgin Wings	47	503	167		143

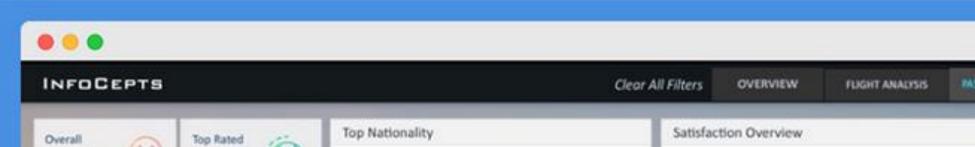
Note: The data shown above doesn't represent actual data and has been created for showcase purpose.











Satisfaction Satisfaction

on 😲

Top Rated Nationality



Very satisfied

Indonesia

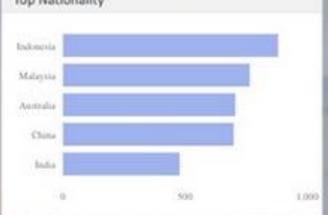
Count by Gender



3677



367









Note: The data shown above doesn't represent actual data and has been created for showcase purpose.



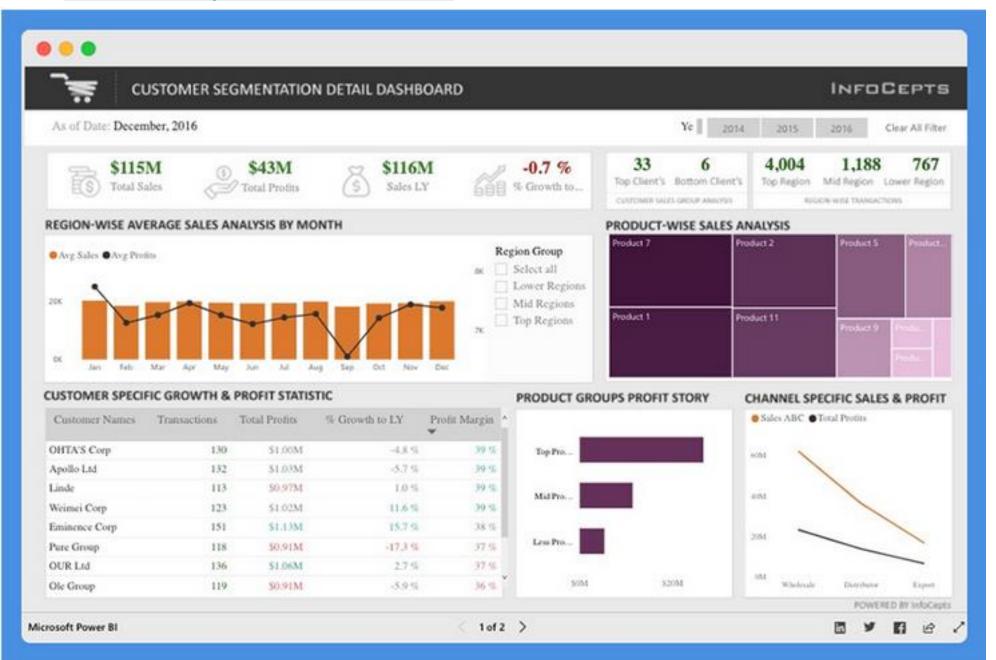








### 2. Customer Analysis Power BI Dashboard







#### CUSTOMER ANALYSIS DETAIL DASHBOARD

#### INFOCEPTS

As of Date: September, 2016

Year

2014

2015

2016

Quarter

Clear All Filter

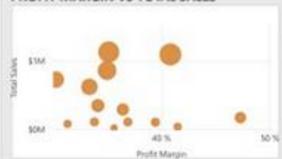
#### **CLIENT'S SEGMENTATION ANALYSIS**



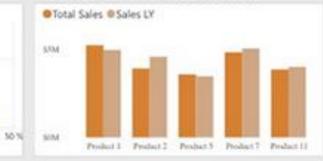
#### PRODUCT-WISE PERFORMANCE (TOP 10)

Customer Names	Total Sales	Sales LY	Total Profits	Profits LY	% Growth to
			*		LY
Medline	\$0.8M	\$0.82M	50.32M	\$0.33M	0.6%
Nipro	\$0.9M	\$0.84M	50.29M	30.30M	364.9
Exact-Rx, Corp	\$0.7M	50.58M	\$9.29M	\$0.22M	27,6 %
Weimei Corp	50.8M	\$0.63M	50-29M	50.23M	22.6%
Victory Ltd	\$0.8M	50.81M	50.28M	\$0.27M	-4.2 %
OUR Ltd	50.8M	\$0.84M	50.27M	\$0.33M	-8.2%
Apotheca, Ltd	\$0.8M	\$0.68M	50.27M	\$0.2334	19,3 %
Dharma Ltd	\$0.8M	50.68M	90.26M	50.24M	12.1 %
Avon Corp	\$0.7M	50.7414	50.24M	50.26M	-1,4 %
21st Ltd	\$0.754	\$0.77M	50.24M	\$0.2534	-5.8 %

#### **PROFIT MARGIN VS TOTAL SALES**



#### PRODUCT PERFORMANCE ANALYSIS



POWERED BY InfoCepts

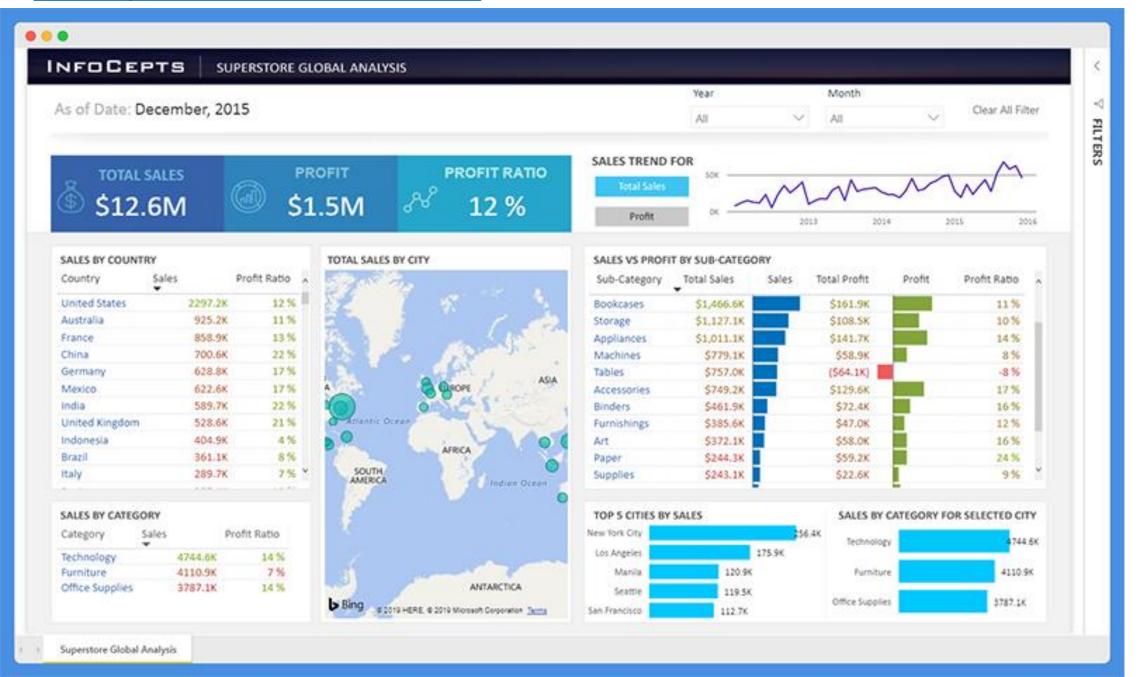




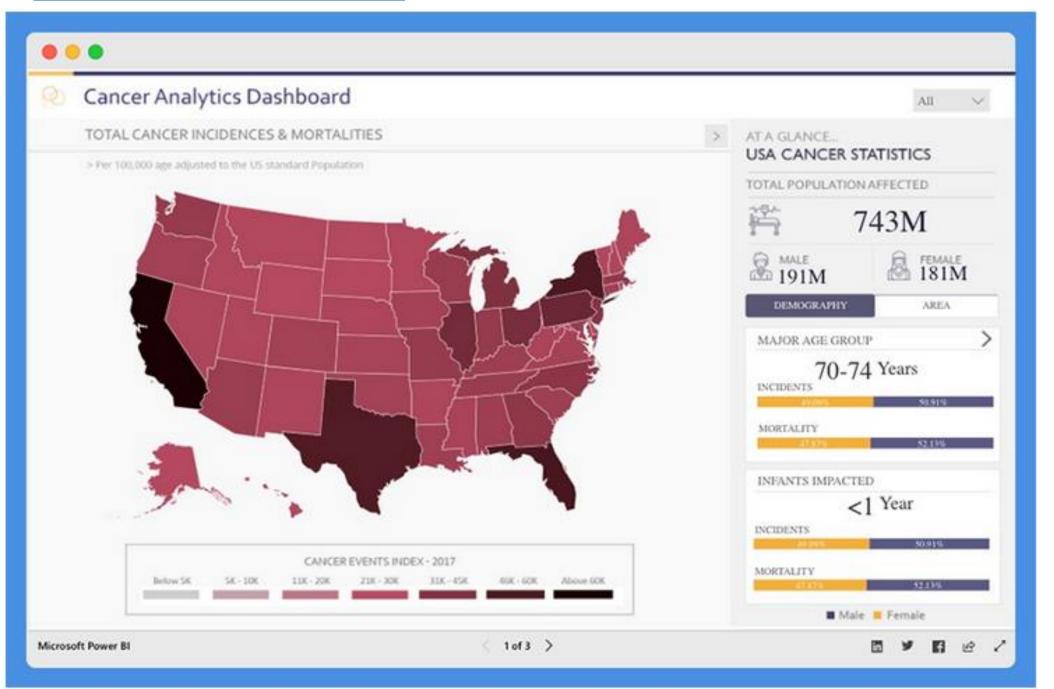




#### 3. Global Superstore Retail Power BI Dashboard



### 4. Cancer Analytics Power BI Dashboard







TOTAL CANCER INCIDENCES & MORTALITIES

ADKETS MEANTS. TOTAL MONTHLITHS. toral incomes TOTAL MORTHURNS 50TW: AVCIONATI. 3M 401K 220M 523M

INCIDENT RATES MORTALITY RATES Cancer Type (Sites) Cancer Type (Sites) All Cancer Sites Combined All Cancer Sites Combined 0.03bn Lung and Brenchus 0.03bn Female Breast 0.03bn Colon and Rectum 0.01bm Long and Bronchos 0.03bm Female Breast 0,01bn Colon and Rectum 0.02bn Pancreas 0.01bm















All V

TOTAL CANCER INCIDENCES & MORTALITIES

















5. Pharma Sales Analysis Power BI Dashboard

# INFOCEPTS

# PHARMA SALES ANALYSIS

Enables pharmaceutical sales managers and respective stakeholders to effectively track the sale of products targeted toward the treatment of small animal species.

TTD GROWTH MAT GROWTH

112.17% 40.17%









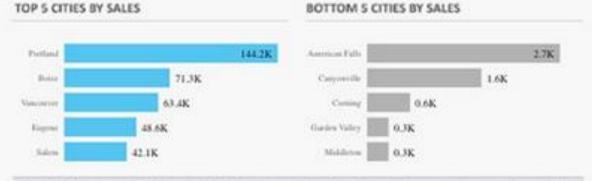


#### INFOCEPTS PHARMA SALES ANALYSIS SALES SUMMANY SALES SUMMARY THERAPEUTIC SALES TREND BY MONTHS TOTAL SALES LY SALES YTD GROWTH 29.7M 31.3% 38.9M

#### SALES BY THERAPEUTIC GROUP

Therapeutic Group	Sales	LY Sales	YTD Growth	î
Anesthetic	1977.1K	1923/08	285	
Anti-infective	8446.6K	7934.0K	6.5 %	1
Anti-inflammatory	1283.0K	21110.880	155%	ı
Biologicals	7234.6K	4147,4K	742 %	1
Dermatology	14523K	1036.8K	40.1 %	
Diagnostics	173.5%	197.8K	-12.3 %	
Metabolics	1892.6%	2530.2K	-25.2 %	
Other Products	214.5K	698.0K	-69.3 %	*

#### **TOP 5 CITIES BY SALES**



The Sales Performance Dashboard entails information on Sales Distribution by Corporate Accounts along with the KPIs for different Therapeutic groups from Jul-14 to Jul-15 in 4 states from the USA for small animal species.

#### TOP 25 PRODUCTS BY SALES AND QUANTITY

1	Pedal I	Printed 15.	Printed 64	Frontiert 22:	Predat 18	Product 33	Product of	Printed \$1	Parket 21 Park   Park   Park
						Product 11	Frank 11	Finduit I	Profest G Pos. Pr.
			Product 65	Product S	Product 6	The second second		Frederick	Product 1 (1)
						Pedat U	Rosel II	Product 48	Prince of the Control





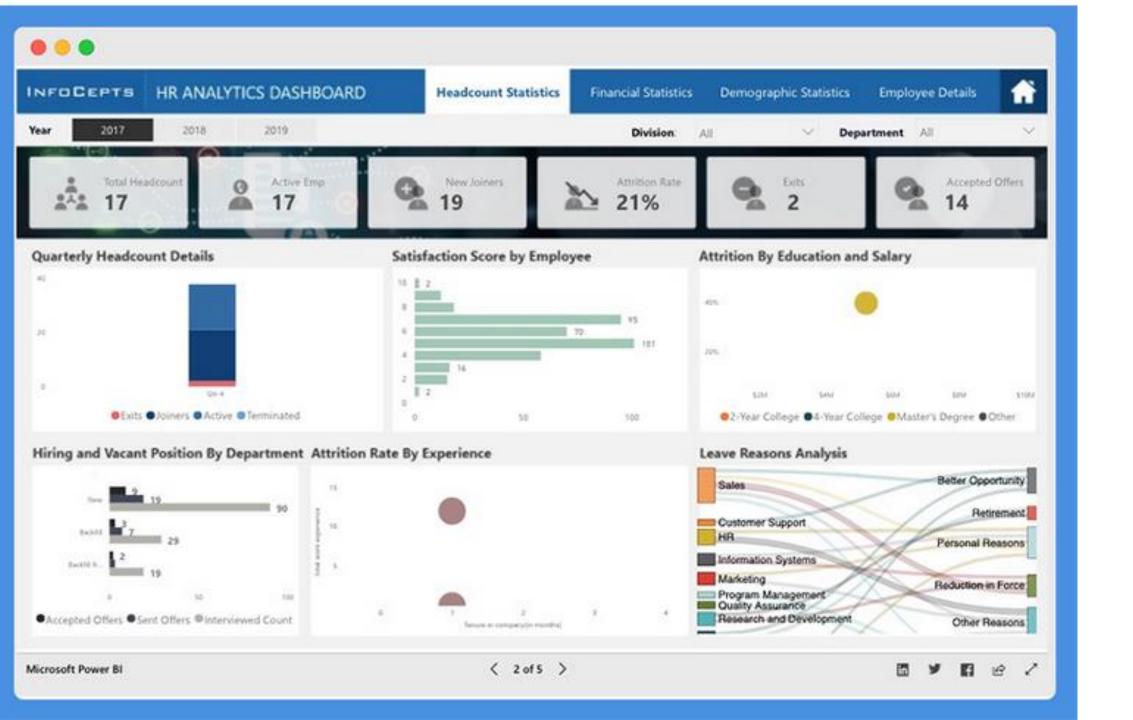


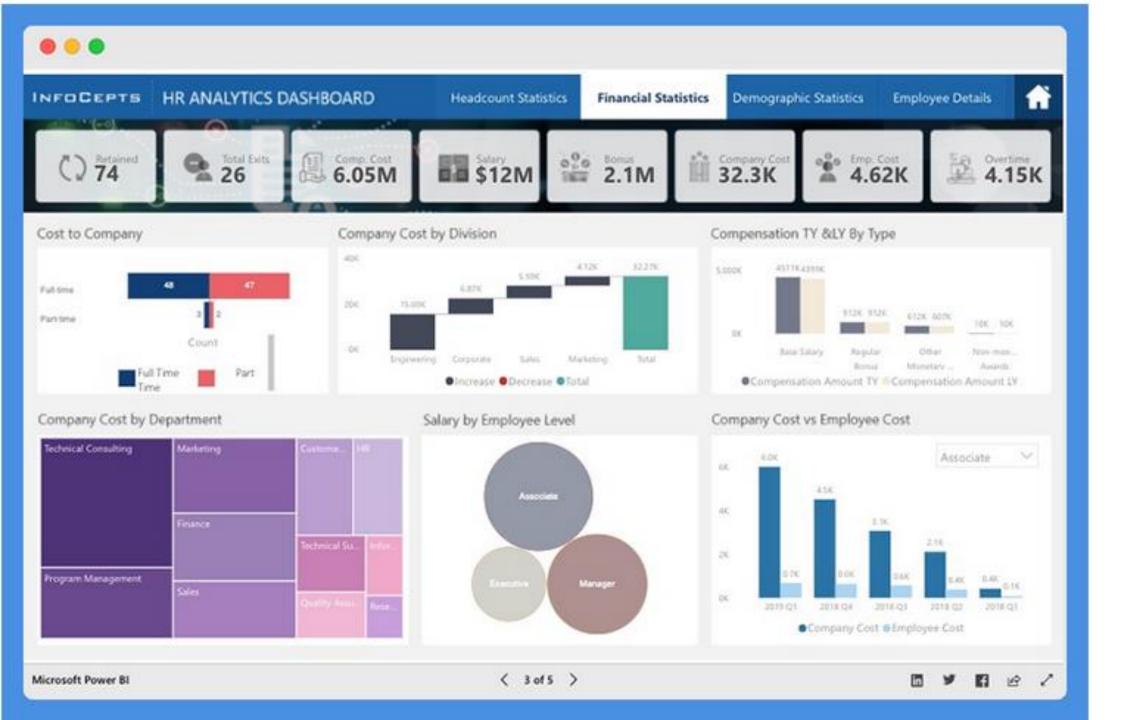


<sup>\*\*</sup>Select a specific group to shive the entire Dainboard

### 6. HR Analytics Power BI Dashboard







INFOCEPTS

HR ANALYTICS DASHBOARD

**Headcount Statistics** 

**Financial Statistics** 

**Demographic Statistics** 

**Employee Details** 



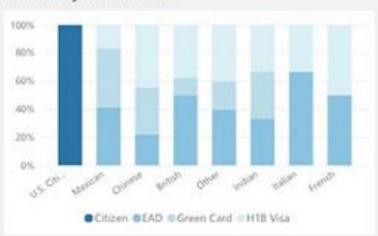
#### **Employee by Location**



#### Employee by Demography



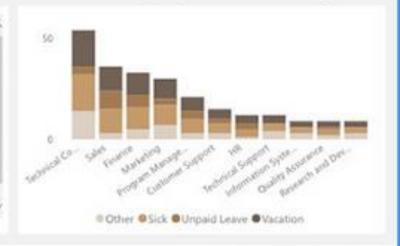
#### Nationality vs EPM-IMM



#### **Quarterly Employee Headcounts by Departments**

Quarter	Cust Support	Finance Dept	HR. Dept	Info Systems	MKT Dept		Qity Assurance	R&D	SUS	Tech Consult	Tech Supp	Total ^
2017 Qtr 4	1	2	- 2		5	3			5	- 1		19
2018 Qtr T	1	3	13	1	1	1	(1)		6	. 5		20
2018 Qtr 2	2	3	2		1	2			2	3	1	16
2018 Qtr 3	1	2	1	2	1	2		1	1	6	2	19
2018 Qtr 4		4	1/3	- 1			2	- 3	2	3	2	18
MIN OUT		- 0.2			021					- 4		
Total <	5	15	7	5	12	- 8	- 3	4	17	19	5	100 ×

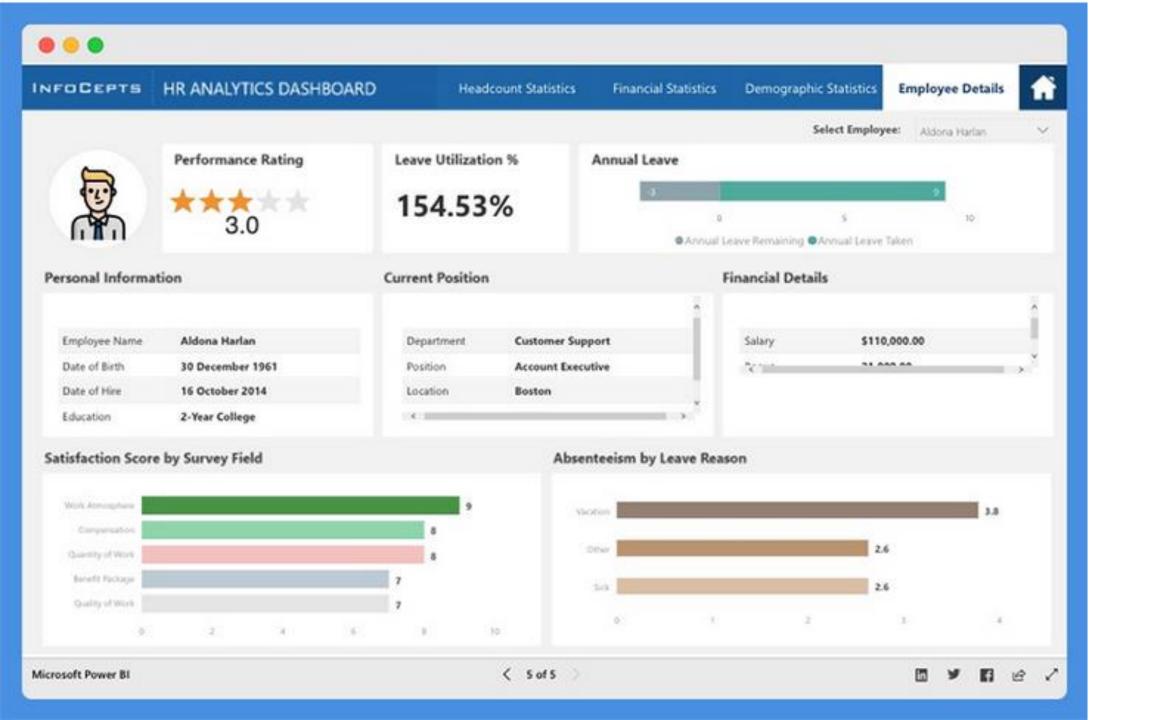
#### Total Absenteeism by Department and Leave Type







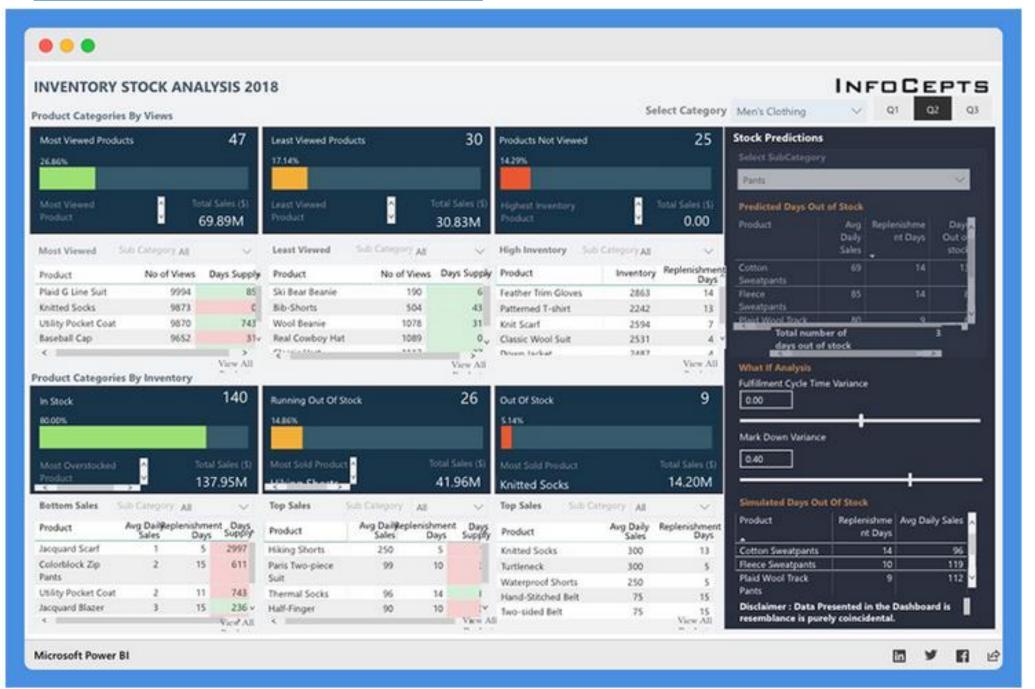




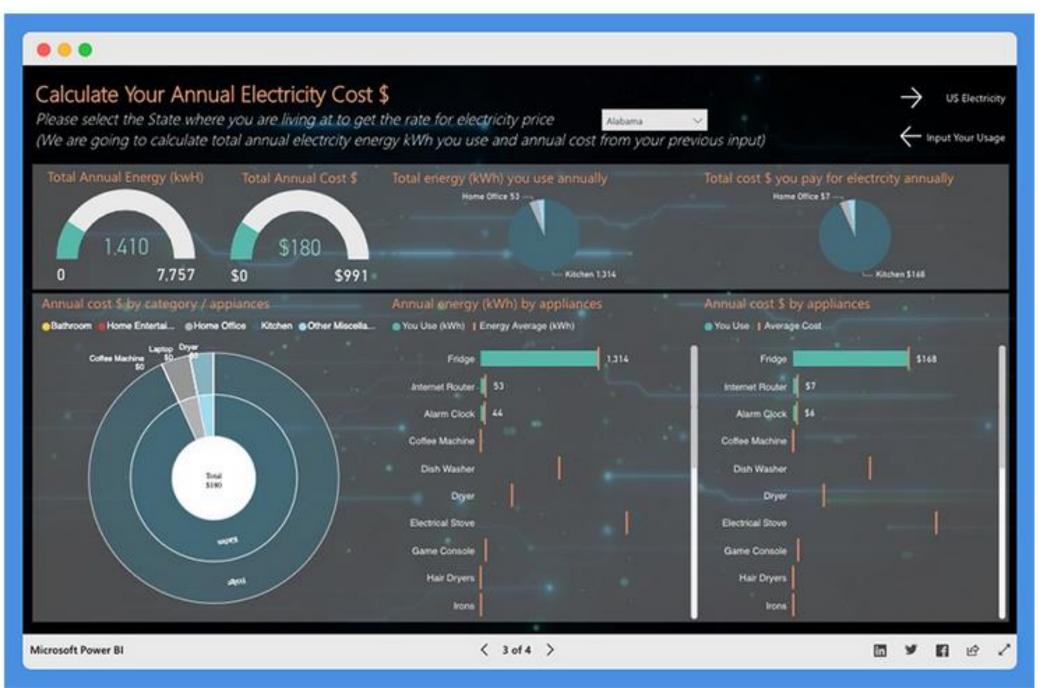
### 7. Executive Insights Power BI Dashboard



### 8. Inventory Stock Analysis Power BI Dashboard



### 9. Electricity Energy Usage and Cost Power BI Dashboard





## United States Electricity Supply and Cost



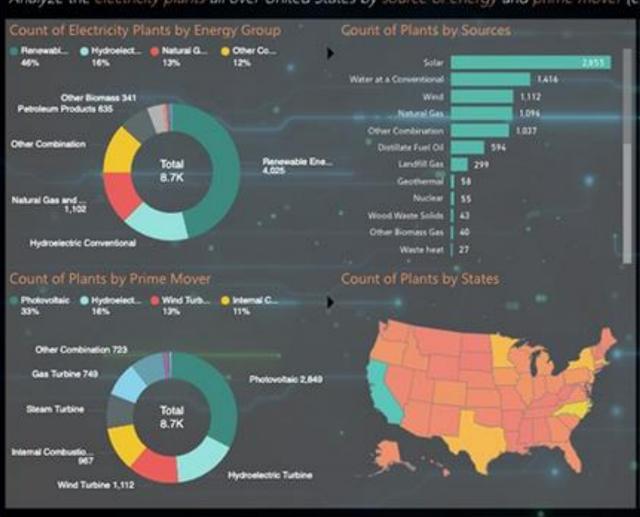
Introduction

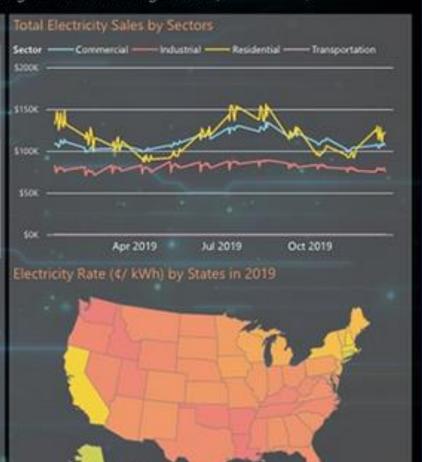
Analyze the retail electricity sales by each sector and the electricity rate by states

Analyze the electricity plants all over United States by source of energy and prime mover (engine that turns the generator)

 $\leftarrow$ 

Calculate Cost









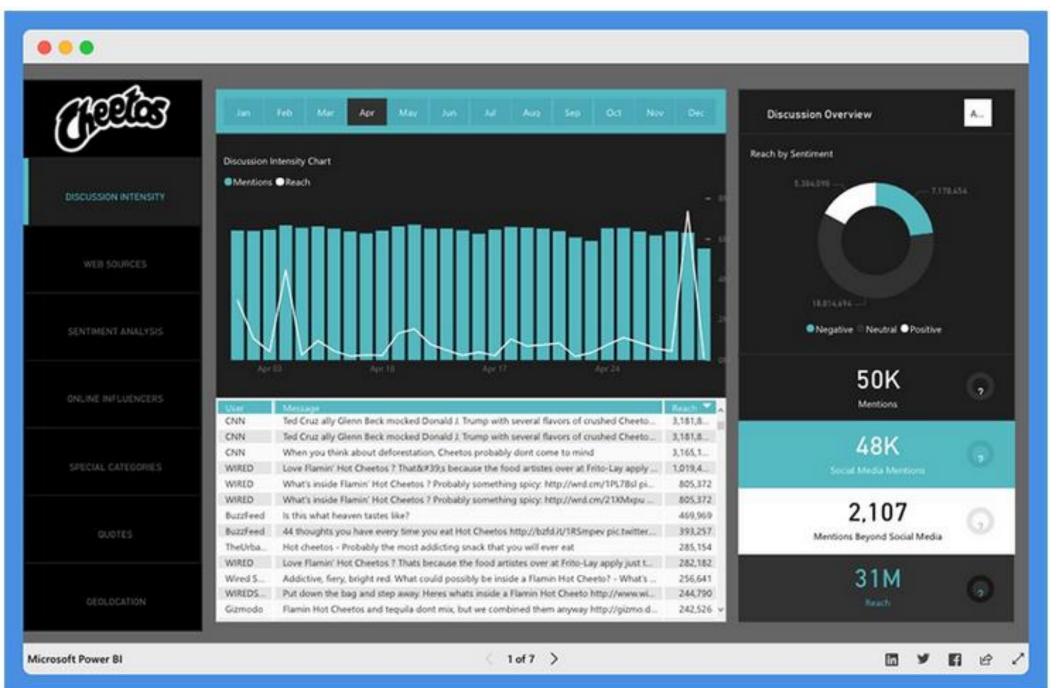




#### 10. Sales Scorecard Power BI Dashboard



### 11. Social Media Monitoring & Analytics Power BI Dashboard







WEB SOURCES



	- 10
Blogs	
473	
Mentions	15
Facebook	
523	
Mentions	1.1%
Forums	
89	
Mentions	0.2%
News	
85	
Mentions	0.2%
Other	41
1,450	
Mentions	2.9%
Photos	
280	
Mentions	0.6%
Twitter	O
45K	U
Mentions	90.8%
Video	4
1,692	
Mentions	3.4%















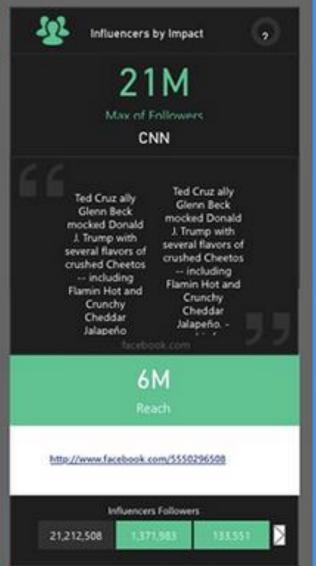




SENTIMENT ANALYSIS

ONLINE INFLUENCERS



















DISCUSSION INTENSITY

WEB SOURCE

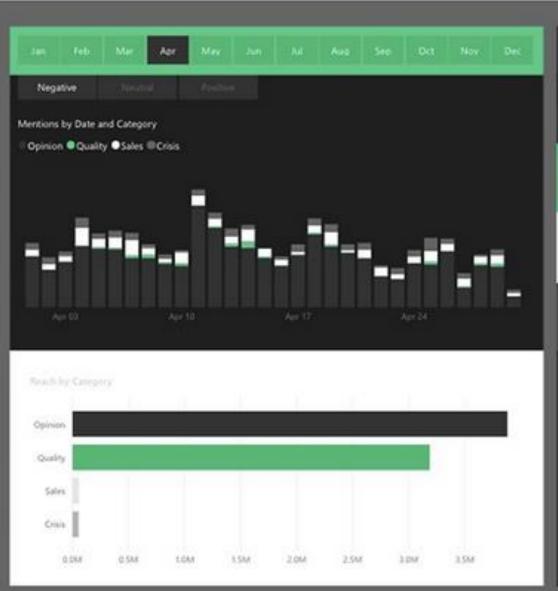
SENTIMENT ANALYSIS

ONE INTERPRETATION

SPECIAL CATEGORIES

**PERMITTER** 

CECUDCATION

















DISCUSSION INTENSITY

WEB SOURCE

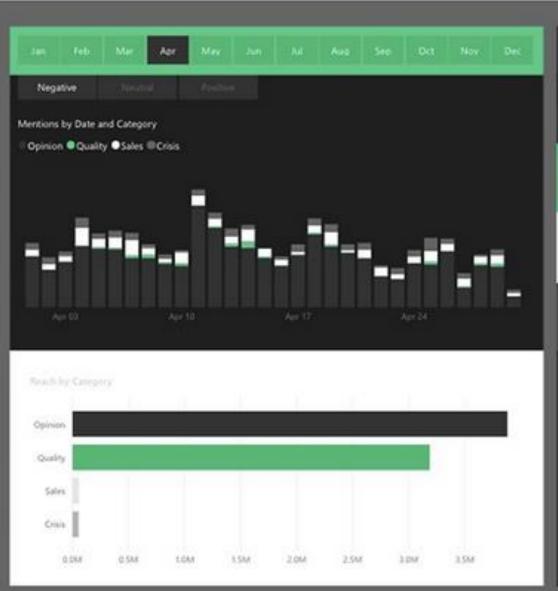
SENTIMENT ANALYSIS

ONE INTERPRETATION

SPECIAL CATEGORIES

**PERMITTER** 

CECUDCATION





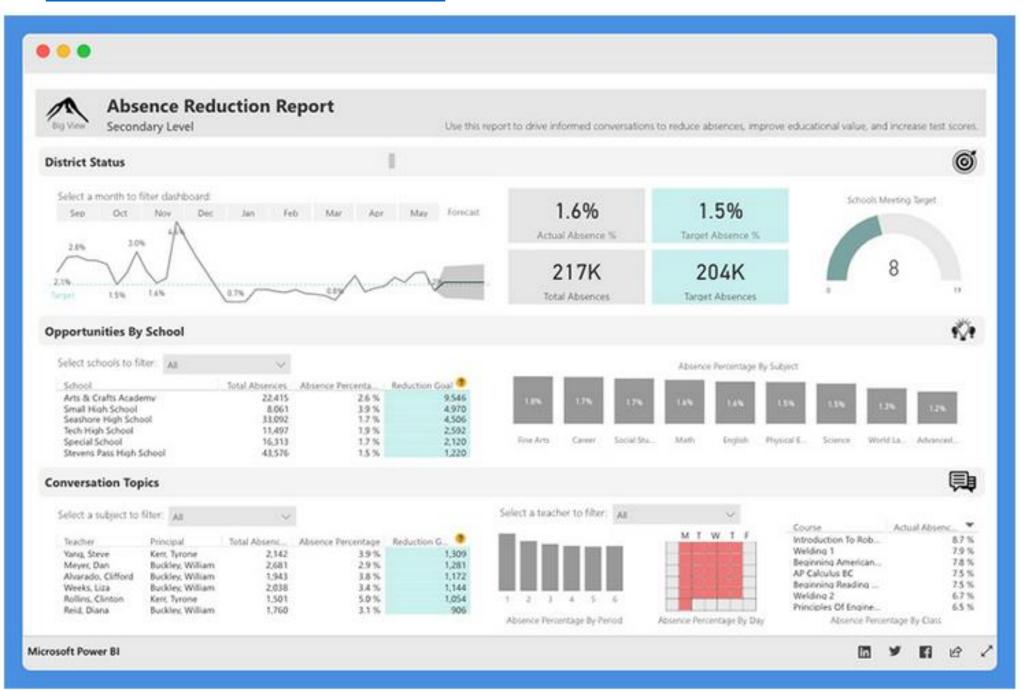


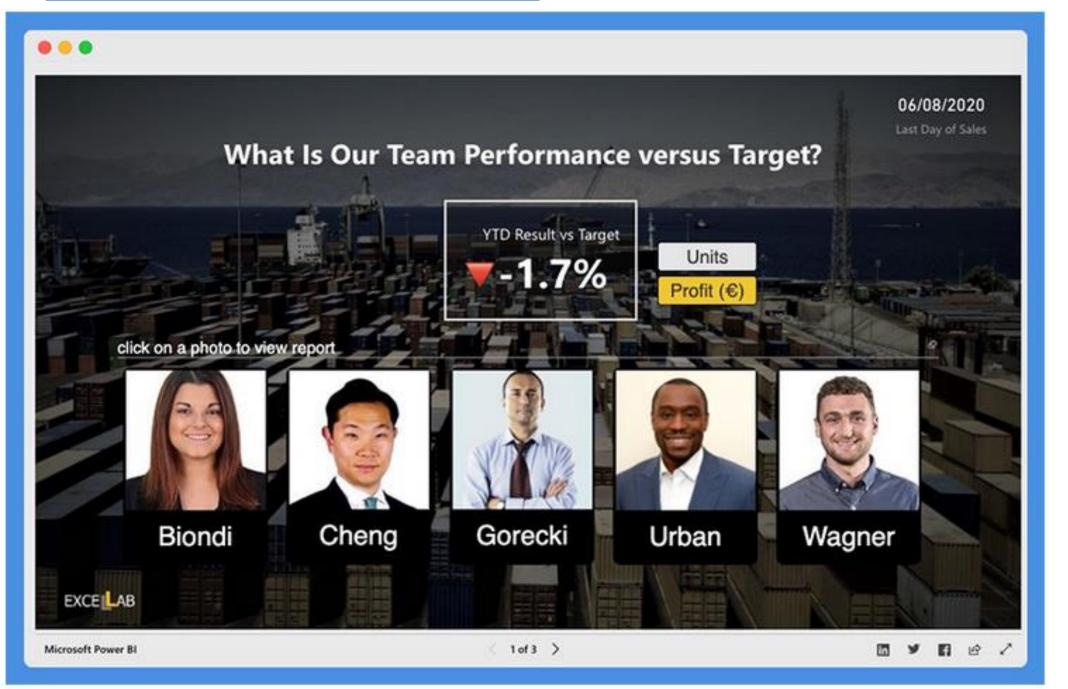






## 12. Attendance Tracker Power BI Dashboard









Customer

## **All Customers**

Performance vs Target



Bar

31/07/2020 Last Day of Sales

Select Metric Units Profit (€) -2.9%

Cumulative Variance vs Target Units -100 -200 300 m 2020

Mar 2020

4,361

var Target

Click on a bubble to view Customer's performance **Below Target** North Sea KINGDOM Brevium NETHEBLANDS **GERMAI** Franklirt FRANCE b Bing © 2020 Microsoft Corporation Terms

Last 90 Days

Year To Date

Last 30 Days

Select Period

Last 365 Days

Previous Year

EXCE| LAB







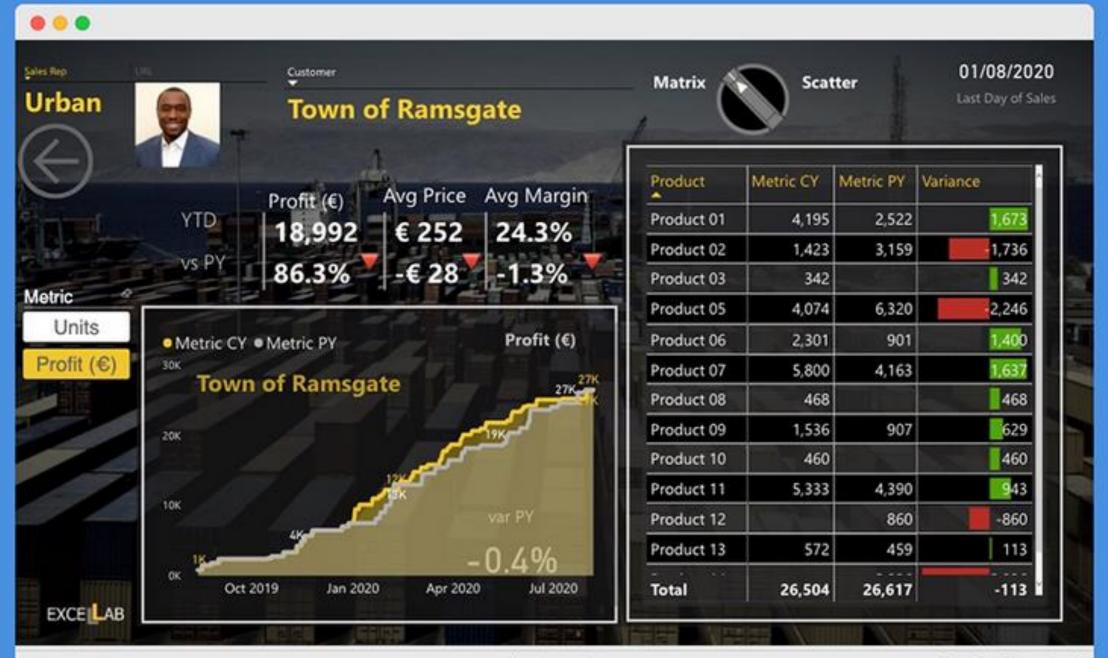
A# 2020

May 2020

Units

7.694

4.490



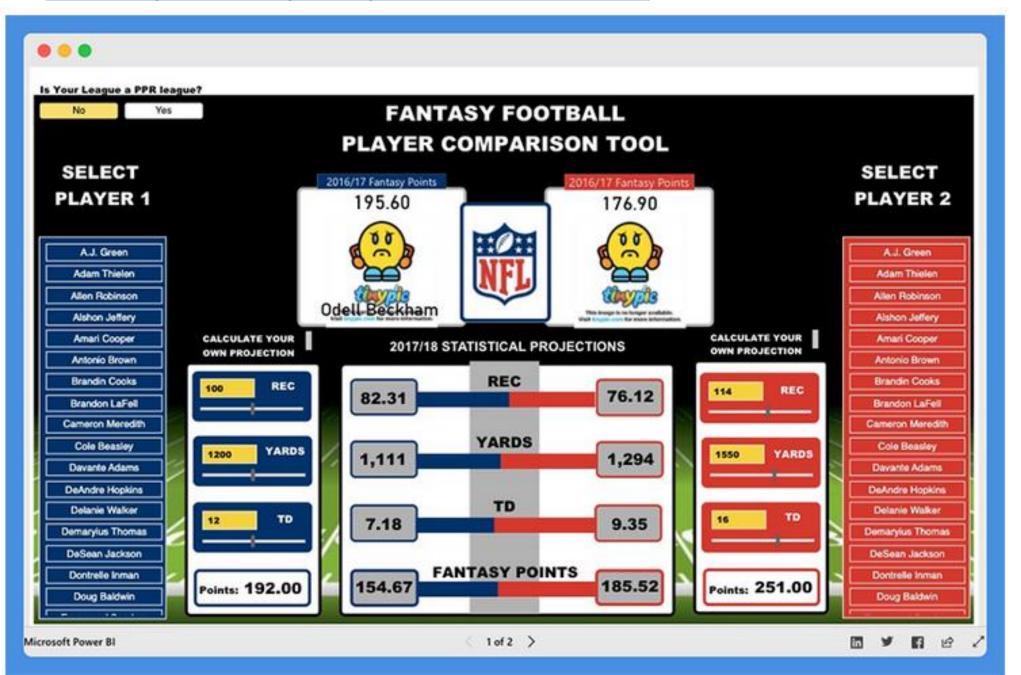




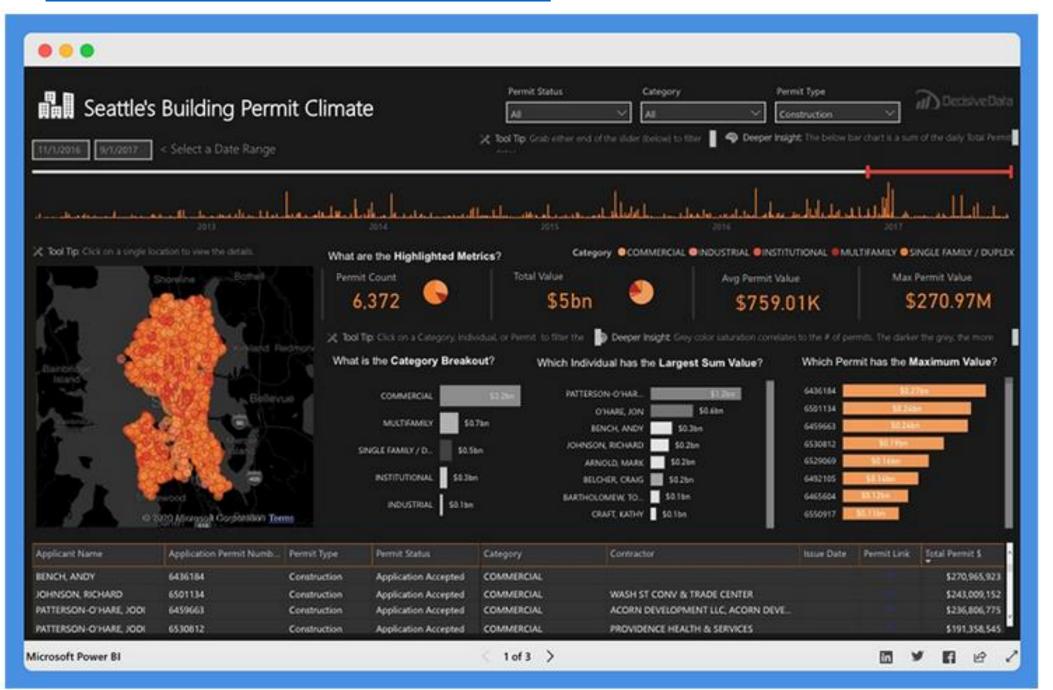




## 14. NFL Fantasy Football Player Comparison Power BI Dashboard



## 15. Seattle's Construction Climate Power BI DashboardD



Estos son los países más felices del mundo en 2024: ¿cuál es el puesto de Argentina?

El Informe Mundial de la Felicidad 2024 ya está disponible y, una vez más, los países nórdicos son los que obtuvieron las puntuaciones más altas.

La sorpresa es que los jóvenes ya no son los más felices.



https://www.meteored.com.ar/noticias/ciencia/estos-son-los-paises-mas-felices-del-mundo-en-2024-cual-es-el-puesto-de-argentina-ranking-felicidad.html

Extraído el 26/04/2024.

https://worldhappiness.report/ed/2024/happiness-of-the-younger-the-older-and-those-in-between/#ranking-of-happiness-2021-2023



BOUT FAQ READ THE REPORTS

EXPLORE THE

NEWS

SUBSCRIBE

ARTNERS

WHR 2024 | CHAPTER 2

# Happiness of the younger, the older, and those in between

John F. Helliwell

Vancouver School of Economics, University of British Columbia

#### Haifang Huang

Department of Economics, University of Albert

#### **Hugh Shiplett**

Faculty of Business, University of New Brunswick

#### Shun Wan

International Business School Suzhou, Xi'an Jiaotong-Liverpool University

Acknowledgment: The authors are grateful for the financial support of the WHR sponsors and for data from the Gallup World Poll and the Gallup/Meta State of Social Connections study. For much helpful assistance and advice, we are grateful to Lara Aknin, Chris Barrington-Leigh, Leoni Boyle, Felix Cheung, Jan-Emmanuel De Neve, Anat Noa Fanti, Len Goff, Carol Graham, Richard Layard, Jessica Mahoney, Max Norton, Andrew Oswald, Julie Ray, Laura Rosella, Manwan Saleh, Jonathan Whitney, Meik Wiking, and Maggie Zhou.

DOI: http://doi.org/10.18724/whr-f1p2-qj33

#### DOWNLOAD

MARCH 20, 202-67 MIN READ



DOI: <a href="http://doi.org/10.18724/whr-f1p2-qj33">http://doi.org/10.18724/whr-f1p2-qj33</a>

## World Happiness Report Appendices & Data

## **▼** World Happiness Report 2024

## **Appendices & Data**

- Statistical Appendix 1 for Chapter 2
- Data for Figure 2.1
- Data for Table 2.1
- Chapter 3 Appendix
- Chapter 5 Appendix

### Citation

Helliwell, J. F., Layard, R., Sachs, J. D., De Neve, J.-E., Aknin, L. B., & Wang, S. (Eds.). (2024). World Happiness Report 2024. University of Oxford: Wellbeing Research Centre.

## https://public.tableau.com/app/profile/worldhappiness/viz/2024Draft/Figure2\_1

