



Bring your data to life with Microsoft Power BI

Microsoft Power BI transforms your company's data into rich visuals for you to collect and organize so you can focus on what matters to you. Stay in the know, spot trends as they happen, and push your business further.





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Agenda

- Introduction
- Dashboards tell a story
- Demo
- What to do next?



Introduction

Business Intelligence (Wikipedia)



Business intelligence (BI) staat voor het verzamelen van gegevens binnen de eigen handelsactiviteit. Het kan omschreven worden als het proces van gegevens omzetten in informatie, dat vervolgens zou moeten leiden tot kennis en aanzetten tot adequate actie.

Business Intelligence (Wikipedia)



Business intelligence (BI) is a technology-driven process for analyzing [data](#) and presenting actionable information to help corporate executives, business managers and other end users make more informed business decisions

Business Intelligence (Wikipedia)



"a set of techniques and tools for the acquisition and transformation of raw data into meaningful and useful information for business analysis purposes"

Business Intelligence



BI = Bruikbare Informatie

Power BI – Basic Building Blocks



- **Visualizations** – a visual representation of data, sometimes just called visuals
- **Datasets** – a collection of data that Power BI uses to create visualizations
- **Reports** – a collection of visuals from a dataset, spanning one or more pages
- **Dashboards** – a single page collection of visuals, built from a report
- **Tiles** – a single visualization found in a report or dashboard

Power BI (PBI)



PBI transforms your company's data into rich visuals
[for you to collect and organize] so you can ...

Focus on
what matters
[to you]



By clearing
the clutter

Stay in
the know



With real-
time data

Spot trends
as they
happen



With
insights

Push your
business
further



Competitive
advantage

What if ... Instead of viewing your data like this ?



Book1 - Excel

FILE HOME INSERT PAGE LAYOUT FORMULAS DATA REVIEW VIEW LOAD TEST Analytics for LinkedIn ANALYTICS FOR FACEBOOK ANALYTICS FOR LINKEDIN POWER QUERY POWERPIVOT TEAM QUERY DESIGN Timothy...

Online Search From Web From File From Database From Other Sources From Table Merge Append Locale: English Update Send Feedback Help About

Get External Data Excel Data Combine Workbook Settings Machine Settings Help

	A	B	C	D	
1	property_id	property_name	address	city	cbsa_name
2	AK001059	RIVERBEND	2800 Postal Way	Juneau	Juneau, AK Micropol...
3	AK001059	RIVERBEND	2800 Postal Way	Juneau	Juneau, AK Micropol...
4	AK001059	RIVERBEND	2800 Postal Way	Juneau	Juneau, AK Micropol...
5	AK001059	RIVERBEND	2800 Postal Way	Juneau	Juneau, AK Micropol...
6	AK001060	BERINGVUE	407 East F Street	Nome	
7	AK001060	BERINGVUE	407 East F Street	Nome	
8	AK001060	BERINGVUE	407 East F Street	Nome	
9	AK001060	BERINGVUE	407 East F Street	Nome	
10	AK001061	CEDAR PARK	3410 Foster Ave	Juneau	Juneau, AK Micropol...
11	AK001061	CEDAR PARK	3410 Foster Ave	Juneau	Juneau, AK Micropol...
12	AK001055	BIRCH PARK II	1516 Gillam Way	Fairbanks	Fairbanks, AK Metro...
13	AK001055	BIRCH PARK II	1516 Gillam Way	Fairbanks	Fairbanks, AK Metro...
14	AK001056	Scattered Site Acquisition (FSS Grant)	2230 E 66th Ave	Anchorage	Anchorage, AK Metr...
15	AK001056	Scattered Site Acquisition (FSS Grant)	2230 E 66th Ave	Anchorage	Anchorage, AK Metr...
16	AK001056	Scattered Site Acquisition (FSS Grant)	2230 E 66th Ave	Anchorage	Anchorage, AK Metr...
17	AK001056	Scattered Site Acquisition (FSS Grant)	2230 E 66th Ave	Anchorage	Anchorage, AK Metr...
18	AK001057	BETHEL HEIGHTS	1011 RIDGECREST	BETHEL	
19	AK001057	BETHEL HEIGHTS	1011 RIDGECREST	BETHEL	
20	AK001057	BETHEL HEIGHTS	1011 RIDGECREST	BETHEL	
21	AL001004R	SOUTHTOWN	2413 9th Ave S	Birmingham	Birmingham-Hoover...
22	AL001004R	SOUTHTOWN	2413 9th Ave S	Birmingham	Birmingham-Hoover...
23	AL001006	CHARLES P MARKS VILLAGE	7542 Georgia Rd	Birmingham	Birmingham-Hoover...
24	AL001006	CHARLES P MARKS VILLAGE	7542 Georgia Rd	Birmingham	Birmingham-Hoover...
25	AL001006	CHARLES P MARKS VILLAGE	7542 Georgia Rd	Birmingham	Birmingham-Hoover...
26	AL001006	CHARLES P MARKS VILLAGE	7542 Georgia Rd	Birmingham	Birmingham-Hoover...
27	AL001006	CHARLES P MARKS VILLAGE	7542 Georgia Rd	Birmingham	Birmingham-Hoover...
28	AL001007	JOSEPH H LOVEMAN VILLAGE	100 Bolin St SW	Birmingham	Birmingham-Hoover...
29	AL001007	JOSEPH H LOVEMAN VILLAGE	100 Bolin St SW	Birmingham	Birmingham-Hoover...
30	AL001007	JOSEPH H LOVEMAN VILLAGE	100 Bolin St SW	Birmingham	Birmingham-Hoover...
31	AL001007	JOSEPH H LOVEMAN VILLAGE	100 Bolin St SW	Birmingham	Birmingham-Hoover...
32	AL001007	JOSEPH H LOVEMAN VILLAGE	100 Bolin St SW	Birmingham	Birmingham-Hoover...

Online Search

national real estate hud score

408 results

Public Housing Physical Inspect...
From Data.gov, Department of Housing...
HUD's Real Estate Assessment Center
conducts physical inspections of properties...

AIG collateral postings to credi...
From Wikipedia on June 15, 2013.
American International Group - Wikipedia, the free encyclopedia

Songs re-recorded for albums...
From Wikipedia on June 15, 2013.
Sunny Day Real Estate discography - Wikipedia, the free encyclopedia

B-sides-Songs-Sunny Day Real...
From Wikipedia on June 15, 2013.
Sunny Day Real Estate discography - Wikipedia, the free encyclopedia

Music videos-Video albums-S...
From Wikipedia on June 15, 2013.
Sunny Day Real Estate discography - Wikipedia, the free encyclopedia

Singles-Songs-Sunny Day Real...
From Wikipedia on June 15, 2013.
Sunny Day Real Estate discography

Sheet1 Sheet3 Sheet5

1 2 3 4 5 Next

READY

Which is often like viewing your data like this !



010111010111010001110111010101101
1101001000111011101010110110101010
001101101010100100011101110101111
10111010111010001110111010101101110
01110101011100101101010101110101
001000111011101010110110101010101
011011010101001000111011101011110
010111010001110111010101101110010
010001110111010101101110010101110

You could view your data like this ... "actionable insights"



Microsoft Power BI



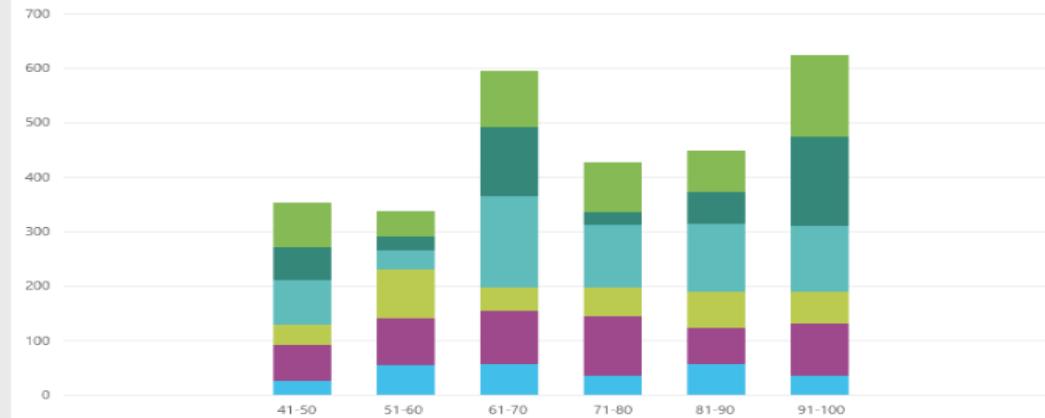
Travel Analysis



Ask a question about your data

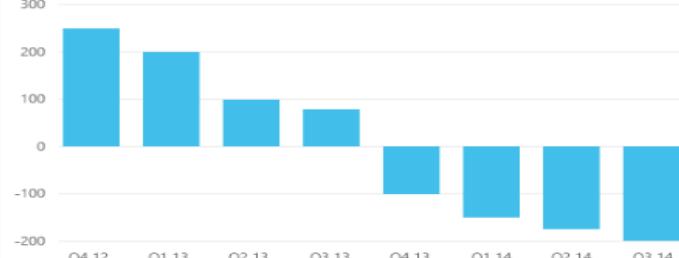
Regional Load BY TERRITORY

Pacific Mountain Plains Central Northeast Southeast

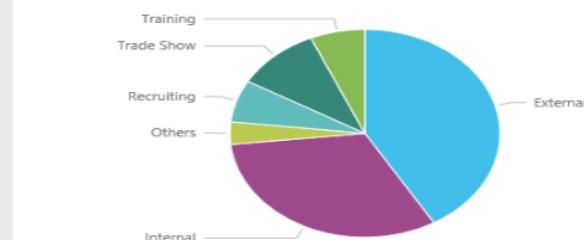


Sales BY PERIOD

300



Number of Trips BY TRIP PURPOSE



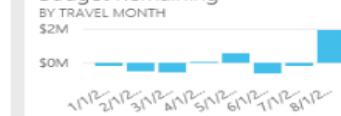
Delayed Flights BY DATE



Actual Flight Expenditures, Bu... BY TRAVEL MONTH

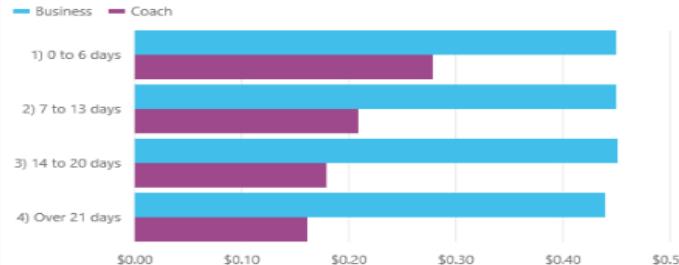


Budget Remaining BY TRAVEL MONTH



Average Cost Per Mile BY ADVANCED BOOKING CATEGORY, TRIP CLASS

Business Coach

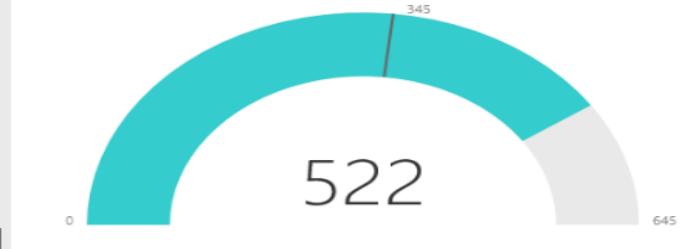


On Time Arrival BY COUNTRY, YEAR

2013 2014

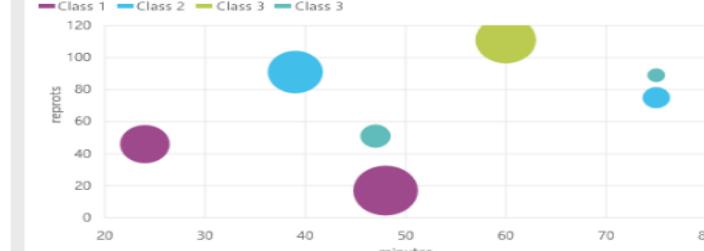


Flight Expense

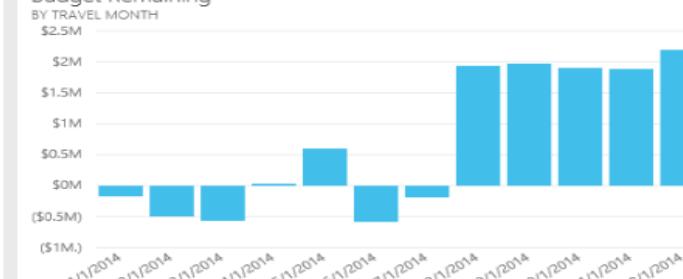


Rush Booking, Trip Class, Season BY CATEGORY, TYPE

Class 1 Class 2 Class 3 Class 4



Budget Remaining BY TRAVEL MONTH



Variance to Budget

(\$1.39M)

Average Cost Per Trip

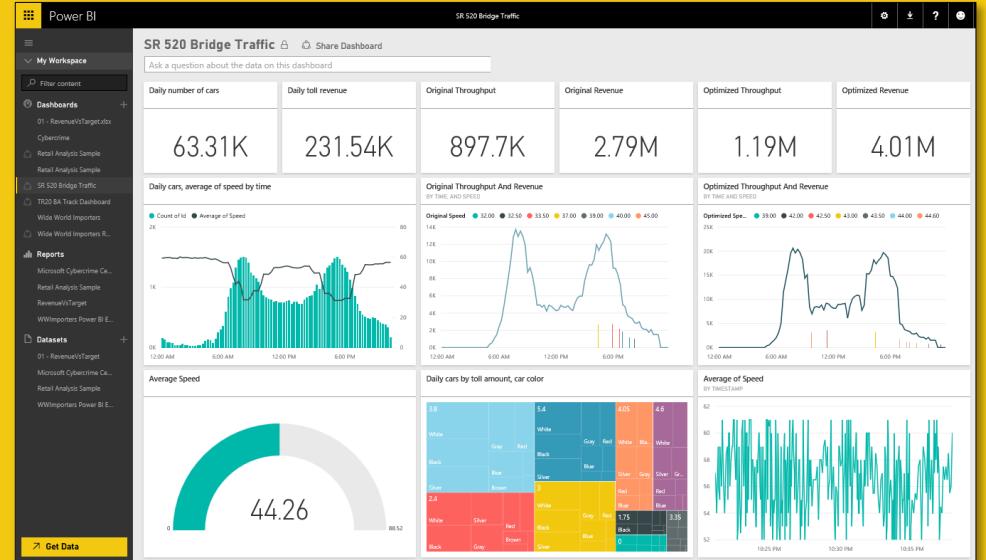
\$723.16

Power BI



Power BI is a cloud-based business analytics service that enables.

- fast and easy access to your data
- a live 360° view of your business
- data discovery and exploration
- insights from any device
- collaboration across your organization
- anyone to visualize and analyze data



Experience Your Data. Any Data, Any Way, Anywhere.

Dashboards tell a story

Managementrapporten | Bottlenecks



- Kosten veel tijd
- Rapporten ontwikkelen kost geld (bijv. Software, reporting tools, externe consultants)
- Antwoorden niet tijdig
- Kansen worden gemist
- Cultuur van nieuwsgierigheid wordt niet gestimuleerd
- Bepaalde zaken (bijv. trends) worden niet ontdekt
- Besluiten soms op basis van gissen

Story

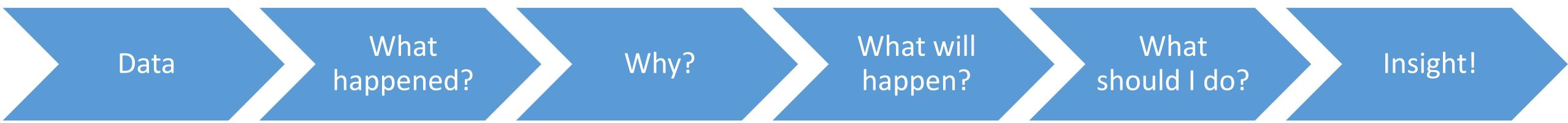


Data

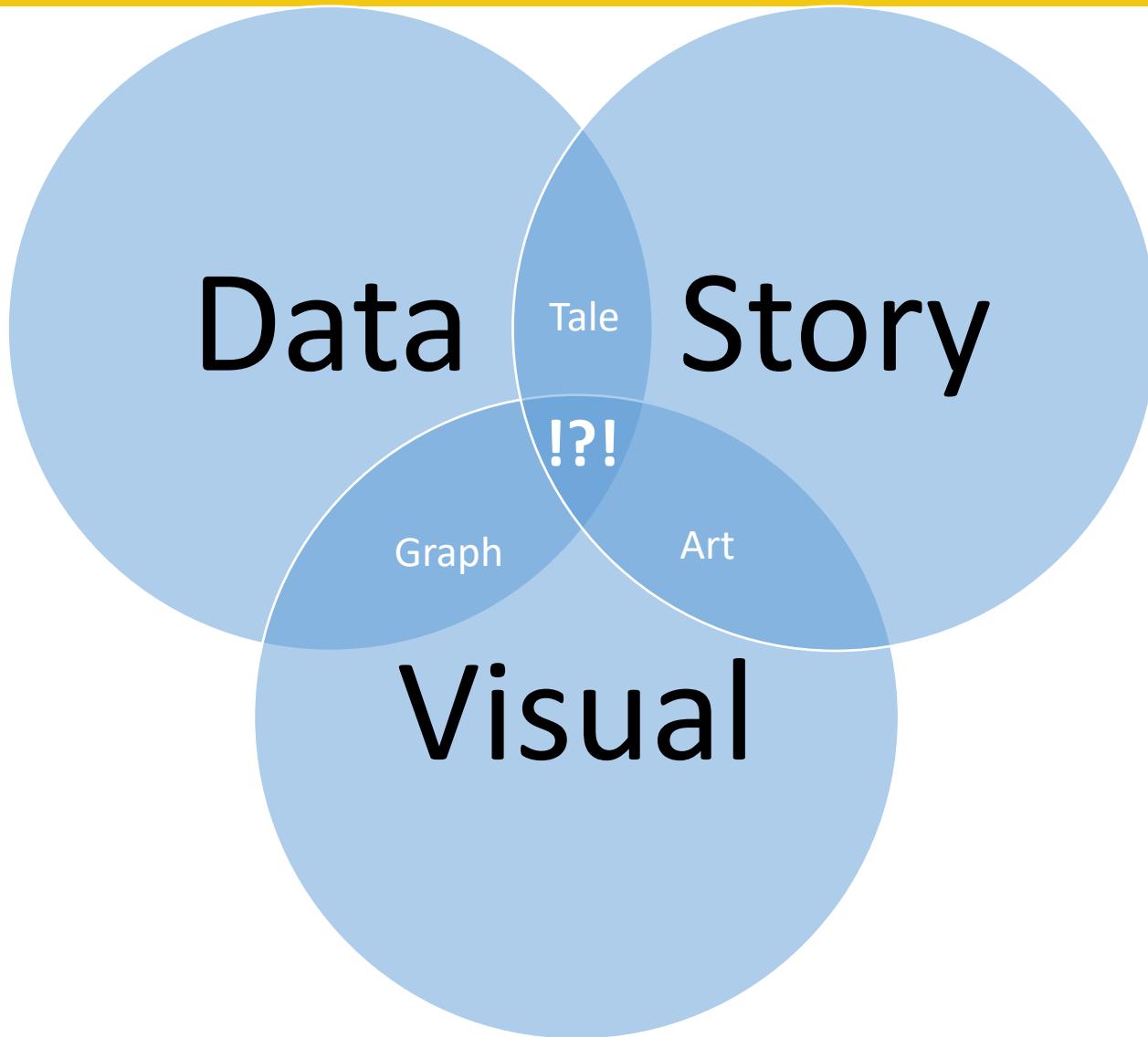
Insights

Story

Insight



Action!



Dashboard



Microsoft Power BI

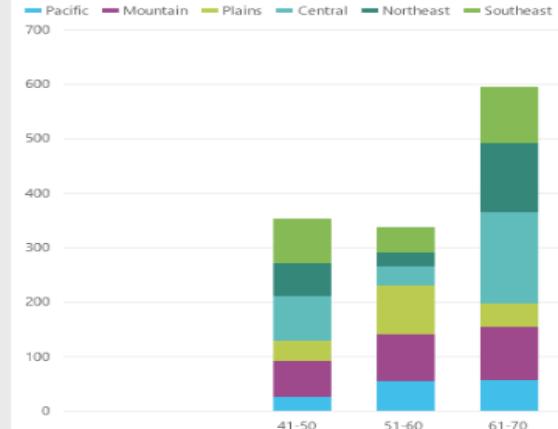


Travel Analysis



Ask a question about your data

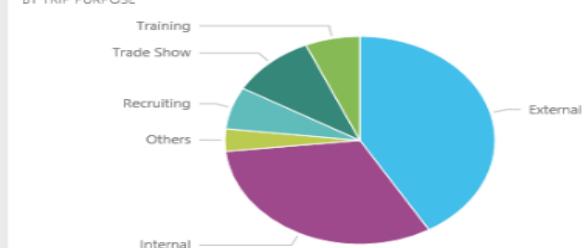
Regional Load BY TERRITORY



Sales BY PERIOD



Number of Trips BY TRIP PURPOSE



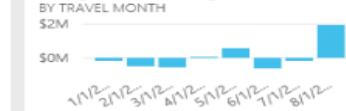
Delayed Flights BY DATE



Actual Flight Expenditures, Bu... BY TRAVEL MONTH



Budget Remaining BY TRAVEL MONTH



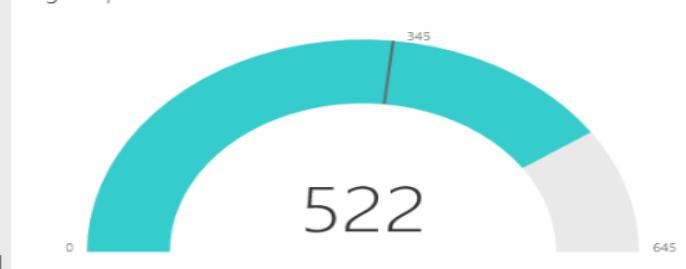
Average Cost Per Mile BY ADVANCED BOOKING CATEGORY, TRIP CLASS



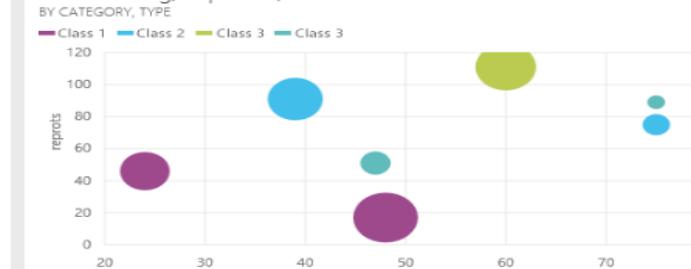
On Time Arrival BY COUNTRY, YEAR



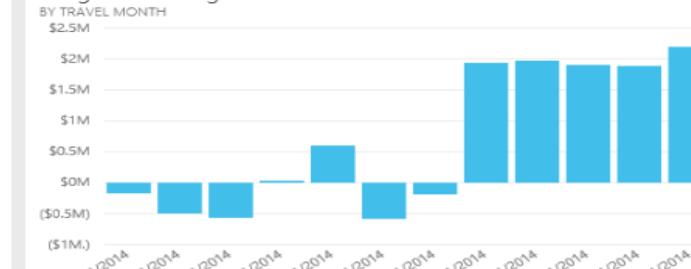
Flight Expense



Rush Booking, Trip Class, Season BY CATEGORY, TYPE



Budget Remaining BY TRAVEL MONTH



Variance to Budget

(\$1.39M)

Average Cost Per Trip

\$723.16

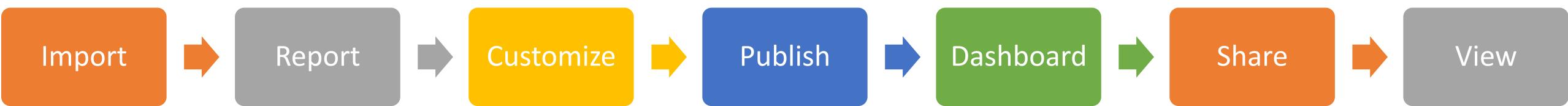
Demo

Topics



- Power BI Desktop
- Connections
- Databases
- Reports
- Dashboards
- Publish to Web

Workflow



What next?



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