## Report Creation and Data Visualization samples

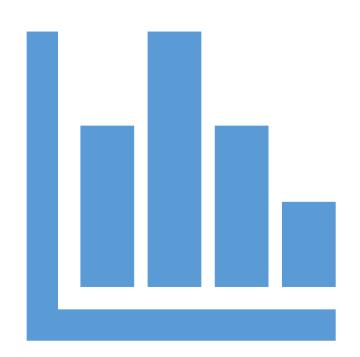


Here are a few examples of reports I made, followed by an annotated version of the image to show the B2B Best Practices therein. These reports are made in Power BI, with help from Excel, but the Best Practices apply to other Data Visualization platforms as well.





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1 - ExecutiveHighlights Dashboard





# Executive Highlights Annotated

\* Simple color scheme that still separates parts and visualizations \* High level data optimized for speed – executives need high performance Buttons that lead to more reports
\* Date of data refresh visible on this and all pages \* All selected filters can be seen on screen or a **PPT** export



2 – Making a Report for another Analyst



# Making a report for an analyst

When making reports for another analyst, remember that it is always about the numbers. Sometime a report full of filterable tables and matrices is all you need.

But still – let's bring them something more than a filterable grid of numbers – while still including the numbers.

In the following pages you'll see instances of an anonymized report page I built, followed by an annotated version of that page showing Best Practices.

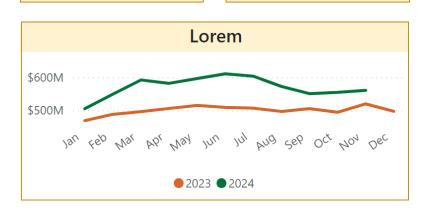
Note that the pages are built in Power BI, but the Best Practices therein can be applied to multiple data visualization platforms.

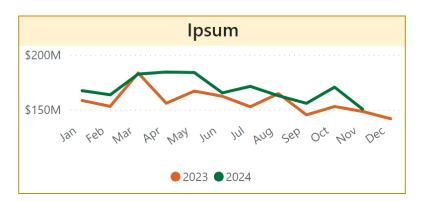


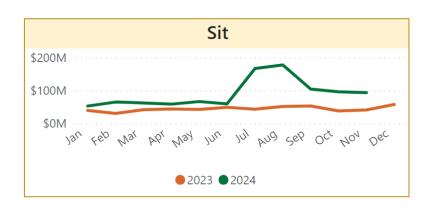


\$1.9bn

\$1.0bn Sit \$390M









#### Monthly and Yearly - At a Glance

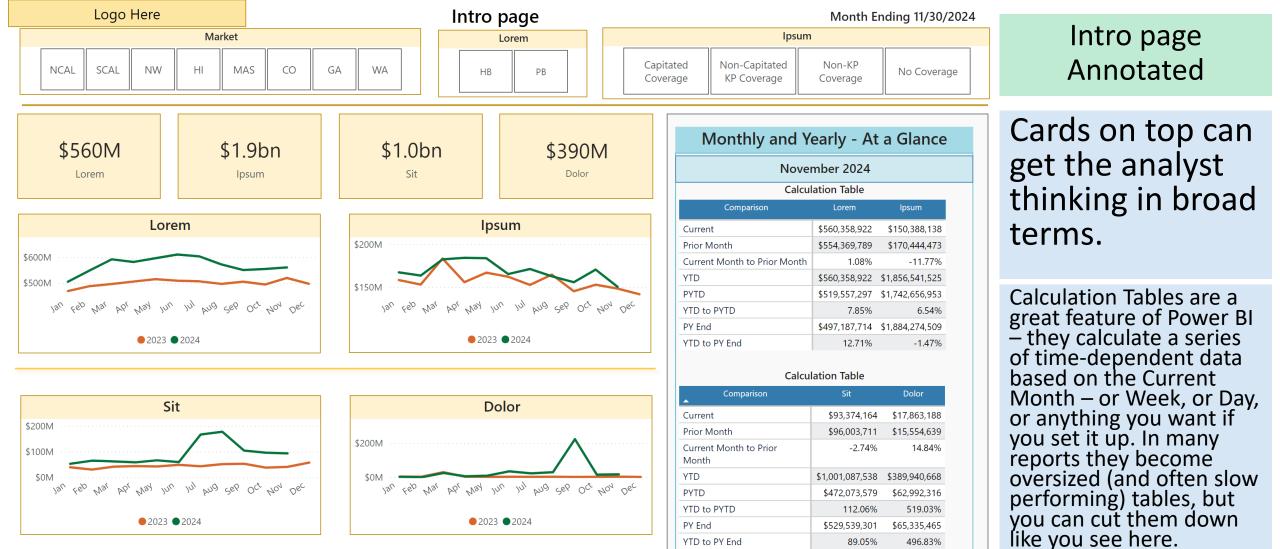
#### November 2024

#### **Calculation Table**

Comparison	Lorem	lpsum
Current	\$560,358,922	\$150,388,138
Prior Month	\$554,369,789	\$170,444,473
Current Month to Prior Month	1.08%	-11.77%
YTD	\$560,358,922	\$1,856,541,525
PYTD	\$519,557,297	\$1,742,656,953
YTD to PYTD	7.85%	6.54%
PY End	\$497,187,714	\$1,884,274,509
YTD to PY End	12.71%	-1.47%

#### Calculation Table

Comparison	Sit	Dolor
Current	\$93,374,164	\$17,863,188
Prior Month	\$96,003,711	\$15,554,639
Current Month to Prior Month	-2.74%	14.84%
YTD	\$1,001,087,538	\$389,940,668
PYTD	\$472,073,579	\$62,992,316
YTD to PYTD	112.06%	519.03%
PY End	\$529,539,301	\$65,335,465
YTD to PY End	89.05%	496.83%

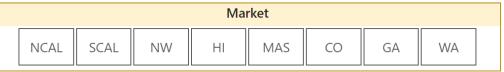


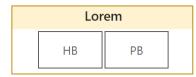
We have thematic colors here, and then break the color pattern for the line charts – it brings a bit of visibility and distinctness through clashing colors.

Lorem

**Ipsum** 

## **Market Comparisons - YTD**



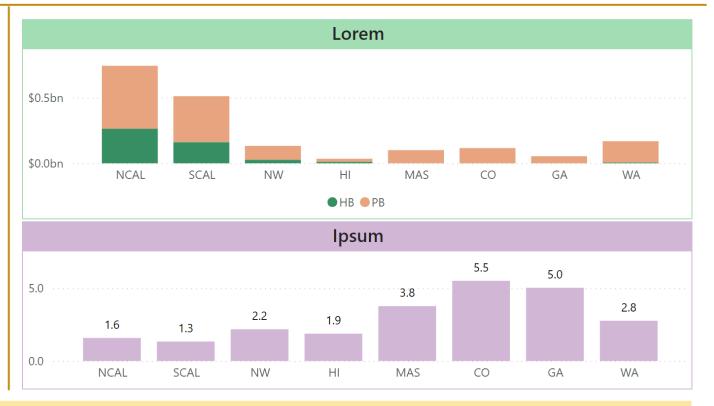


lpsum						
Capitated Coverage	Non-Capitated KP Coverage	Non-KP Coverage	No Coverage			

Billing System	NCAL	SCAL	NW	HI	MAS	СО	GA	WA	Total
НВ									
Lorem	26.2	31.7	30.4	23.2				34.4	28.0
lpsum %	61.4%	65.1%	60.2%	54.2%				45.2%	62.4%
Sit %	31.9%	30.3%	53.4%	48.5%				75.1%	33.6%
Dolor %	30.1%	28.8%	52.0%	47.5%				73.4%	31.9%
PB									
Lorem	33.6	29.4	26.0	32.1	33.4	25.9	31.6	33.4	31.1
lpsum %	48.8%	50.9%	48.3%	44.3%	50.2%	59.2%	51.9%	41.9%	50.1%
Sit %	29.7%	36.6%	45.7%	38.6%	52.2%	58.2%	52.9%	45.1%	39.5%
Dolor %	28.4%	35.4%	44.9%	38.3%	51.6%	57.6%	52.5%	43.8%	38.4%

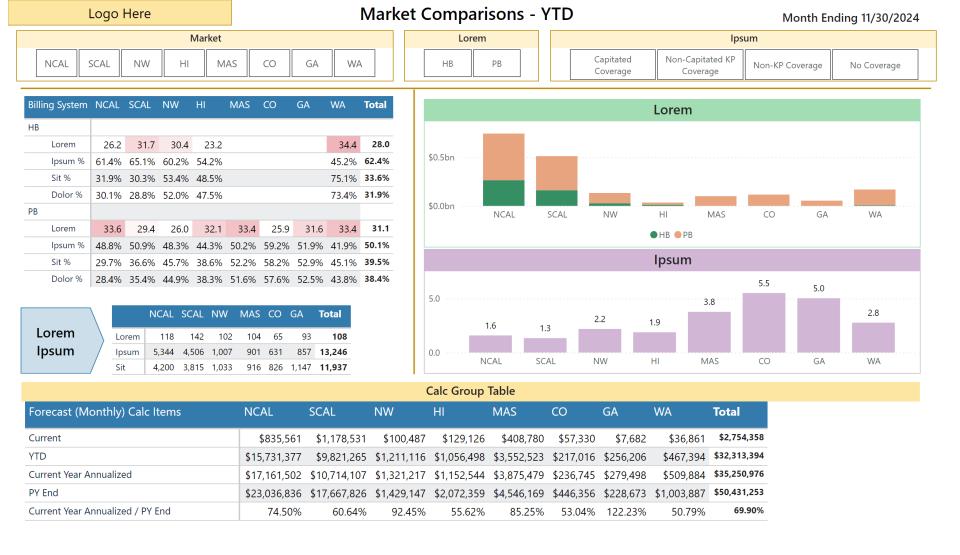
J <del>-</del>	
5.2%	62.4%
5.1%	33.6%
3.4%	31.9%
33.4	31.1
1.9%	50.1%
5.1%	39.5%
3.8%	38.4%
al	

#### NCAL SCAL NW MAS CO GA Total 142 Lorem 102 104 108 lpsum 5,344 4,506 1,007 901 631 857 **13,246** Sit 4,200 3,815 1,033 916 826 1,147 **11,937**



#### Calc Group Table

Forecast (Monthly) Calc Items	NCAL	SCAL	NW	Н	MAS	СО	GA	WA	Total
Current	\$835,561	\$1,178,531	\$100,487	\$129,126	\$408,780	\$57,330	\$7,682	\$36,861	\$2,754,358
YTD	\$15,731,377	\$9,821,265	\$1,211,116	\$1,056,498	\$3,552,523	\$217,016	\$256,206	\$467,394	\$32,313,394
Current Year Annualized	\$17,161,502	\$10,714,107	\$1,321,217	\$1,152,544	\$3,875,479	\$236,745	\$279,498	\$509,884	\$35,250,976
PY End	\$23,036,836	\$17,667,826	\$1,429,147	\$2,072,359	\$4,546,169	\$446,356	\$228,673	\$1,003,887	\$50,431,253
Current Year Annualized / PY End	74.50%	60.64%	92.45%	55.62%	85.25%	53.04%	122.23%	50.79%	69.90%



Add a bit of conditional formatting to tables if you can, but only if the analyst wants it. Also consider what they are looking for – some want to see only the bad things, some want to see the opportunity in high performers. Some want a bit of both. Some want shading, some want arrows.

# Comparisons page Annotated

Add as much numeric detail as you can without overloading the analyst.

Calculation tables like this can perform slowly, but once loaded they provide a lot of detail.

## **Monthly Anonymized Inquiries**

Month Ending 11/30/2024



Lorem					
	НВ	РВ			

Ipsum							
Capitated	Non-Capitated	Non-KP	No Coverage				
Coverage	KP Coverage	Coverage					

#### Lorem Ipsum

ID Average
Non-Member
107.7
True Self Pay/Uninsured
92.8
Member
29.3

True Self Pay/Uninsured

PY Average
Non-Member

87.7

56.4 Member

29.7

Month	Member	Non-Member	True Self Pay/Uninsured
2023 Nov	38.2	99.9	67.9
2023 Dec	30.3	98.1	59.3
2024 Jan	28.5	97.0	59.4
2024 Feb	35.4	99.4	69.7
2024 Mar	31.1	114.5	74.5
2024 Apr	28.5	127.6	89.5
2024 May	27.4	112.9	94.3
2024 Jun	28.3	104.1	125.8
2024 Jul	28.3	106.9	114.4
2024 Aug	27.2	104.2	104.5
2024 Sep	28.8	105.9	94.7
2024 Oct	27.6	106.4	105.4
2024 Nov	30.0	112.3	96.5

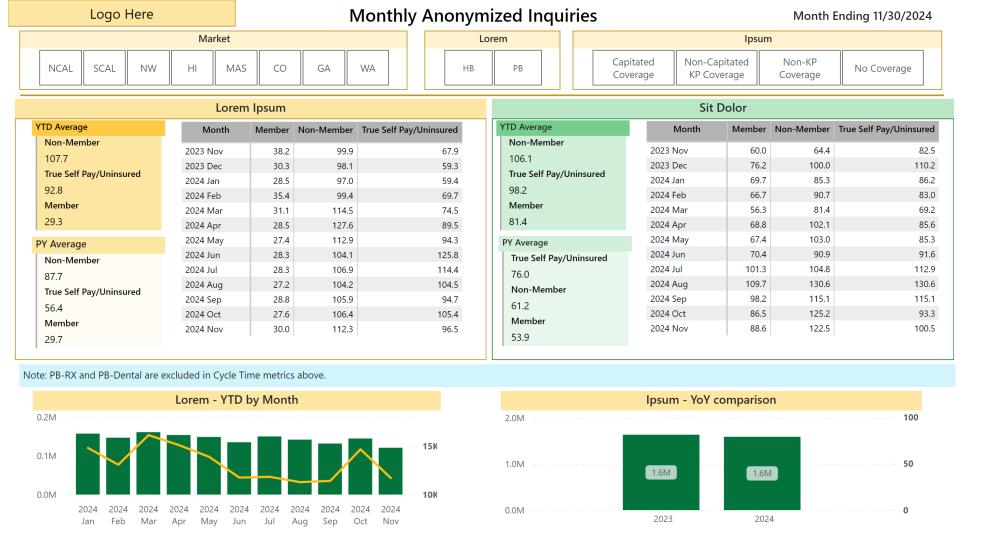
#### Sit Dolor

TD Average	Month	Member	Non-Member	True Self Pay/Uninsured
Non-Member	2023 Nov	60.0	64.4	82.5
106.1	2023 Nov	76.2	100.0	110.2
True Self Pay/Uninsured				
	2024 Jan	69.7	85.3	86.2
98.2	2024 Feb	66.7	90.7	83.0
Member	2024 Mar	56.3	81.4	69.2
81.4	2024 Apr	68.8	102.1	85.6
Y Average	2024 May	67.4	103.0	85.3
True Self Pay/Uninsured	2024 Jun	70.4	90.9	91.6
76.0	2024 Jul	101.3	104.8	112.9
Non-Member	2024 Aug	109.7	130.6	130.6
	2024 Sep	98.2	115.1	115.1
61.2	2024 Oct	86.5	125.2	93.3
Member	2024 Nov	88.6	122.5	100.5
53.9			32.0	

Note: PB-RX and PB-Dental are excluded in Cycle Time metrics above.







## Numbers page **Annotaated**

Sometimes the data is displayed best as numbers. Still, make it interesting if you can – add a few multi row Cards to supplement the table, and be sure to thematically group all content, or at least separate it with a line.

If there is space for a visualization or two, make sure it either says something the table can not, and/or fits in with the theme. These tables are a bit of both – they show YTD trends, and YoY trends, but you can see the trends a bit better than in a table.

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#### **Anonymized Interactive**

NCAL SCAL NW HI MAS CO GA WA

Lorem					
	НВ	РВ			

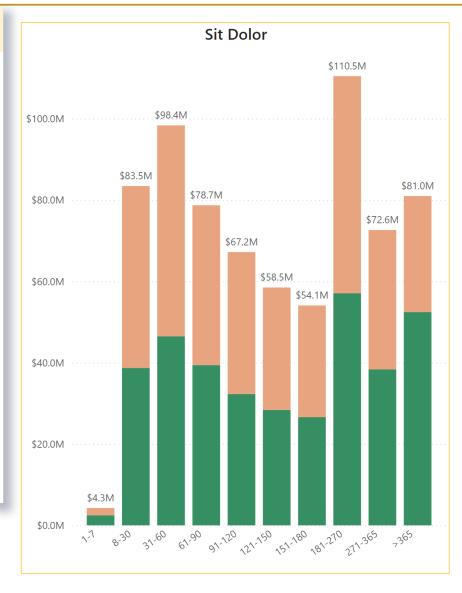
lpsum							
Capitated	Non-Capitated	Non-KP	No Coverage				
Coverage	KP Coverage	Coverage					

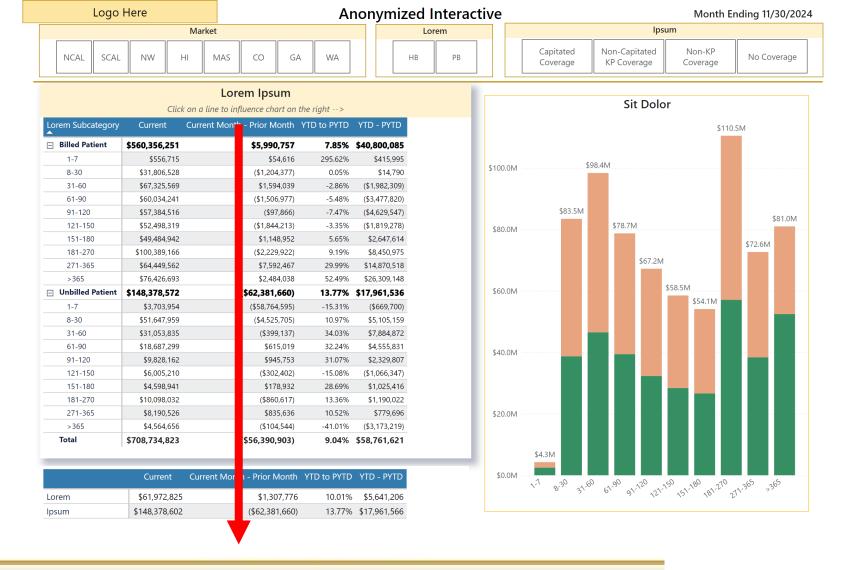
#### Lorem Ipsum

Click on a line to influence chart on the right -->

Lorem Subcategory	Current	Current Month - Prior Month	YTD to PYTD	YTD - PYTD
∃ Billed Patient	\$560,356,251	\$5,990,757	7.85%	\$40,800,085
1-7	\$556,715	\$54,616	295.62%	\$415,99
8-30	\$31,806,528	(\$1,204,377)	0.05%	\$14,79
31-60	\$67,325,569	\$1,594,039	-2.86%	(\$1,982,309
61-90	\$60,034,241	(\$1,506,977)	-5.48%	(\$3,477,820
91-120	\$57,384,516	(\$97,866)	-7.47%	(\$4,629,547
121-150	\$52,498,319	(\$1,844,213)	-3.35%	(\$1,819,278
151-180	\$49,484,942	\$1,148,952	5.65%	\$2,647,61
181-270	\$100,389,166	(\$2,229,922)	9.19%	\$8,450,97
271-365	\$64,449,562	\$7,592,467	29.99%	\$14,870,51
>365	\$76,426,693	\$2,484,038	52.49%	\$26,309,14
■ Unbilled Patient	\$148,378,572	(\$62,381,660)	13.77%	\$17,961,53
1-7	\$3,703,954	(\$58,764,595)	-15.31%	(\$669,700
8-30	\$51,647,959	(\$4,525,705)	10.97%	\$5,105,15
31-60	\$31,053,835	(\$399,137)	34.03%	\$7,884,87
61-90	\$18,687,299	\$615,019	32.24%	\$4,555,83
91-120	\$9,828,162	\$945,753	31.07%	\$2,329,80
121-150	\$6,005,210	(\$302,402)	-15.08%	(\$1,066,347
151-180	\$4,598,941	\$178,932	28.69%	\$1,025,41
181-270	\$10,098,032	(\$860,617)	13.36%	\$1,190,02
271-365	\$8,190,526	\$835,636	10.52%	\$779,69
>365	\$4,564,656	(\$104,544)	-41.01%	(\$3,173,219
Total	\$708,734,823	(\$56,390,903)	9.04%	\$58,761,62

	Current	Current Month - Prior Month	YTD to PYTD	YTD - PYTD
Lorem	\$61,972,825	\$1,307,776	10.01%	\$5,641,206
lpsum	\$148,378,602	(\$62,381,660)	13.77%	\$17,961,566





## Lorem Ipsum

Click on a line to influence chart on the right -->

# Interactive page Annotated

Most everything in Power BI is interactive. In the chart on the left we told the analyst what they must do through a subtitle. B2B does not require subtlety, so feel free to be overt with what you want them to do.



3 – Making a directory of Power BI Reports in Power BI

# Report Hub

#### Folder Folder Report Name Frequency Note Description Executive Sevenue Cycle KPIs - Monthly Monthly High level Monthly summary of revenue cycle KPIs with Executive links to reports with more information. Revenue Cocle KPIs. - Weekly Weekly High level Weekly summary of revenue cycle KPIs with Executive links to reports with more information. Coding, HIM and CDI Executive Sex Metrica - Munthly Monthly Monthly High level view of Key Metrics, includes Billable Encounters, Charges, Rayments, Performance, Cycle Times and AR. Billing and Collections Executive Sex.Metrics...Weekly Weekly Weekly High level view of Key Metrics, includes Billable Excounters, Charges, Reyments, Ferformance, Cycle Times and AR. Patient Balance Monthly Trends and insights on the composition of Executive Euel Trending - Munthly Monthly charges and billable encounters. Operations Eust Transfirm - Weekly Weekly Weekly Trends and insights on the composition of charges Executive and billable encounters. Alf, Highlights. - Monthly High level Monthly view of AR, with perspectives on Total Executive Monthly Market Specific AR . Unbilled AR and Silled AR. High level Weekly view of AR, with perspectives on Total Executive AE Histolistics - Weekly Weekly AR. Unbilled AR and Billed AR. Supplementary Reports Daily view of Fosted Rayments by Delivery Channel and Executive Daily Cash Transling Daily Payor Also shows Payments towards VTD Goals. Search by Report Name Write-Off Transfers - Munthly Executive Monthly Monthly trends and insights on the composition of writeoffs. This report is replacing the report Write-Offs All Trending. Weekly trends and insights on the composition of write-Executive Write-Off Transling .. Waskly Weekly offs. This report is replacing the report Write-Offs. Trending. **Show Reporting Frequency** Charrie Healthcare Munitorine Weekly report that shows effect of outage starting Executive Weekly February 21, 2024. Shows Unbilled AR, Expected vs Actual Daily Weekly Payments, Claims Released, Denials and Cumulative Payments to Expected Payments Trend. Weekly An overview of the 2024 Goals and Performance, includes Executive 2024 Goats Monthly Coding Operations, Insurance, Patient Experience and EBS

Extra Resources

Revenue Cycle Analytics

RCA Intake Form

RCA Home Page

RCA UAT

RCA Training

Code Catalog

Teams
Channels

RCA Data Notifications

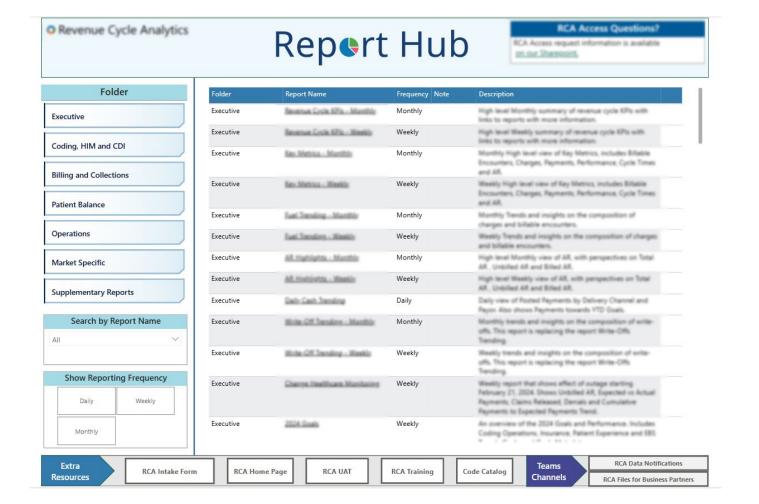
**RCA Files for Business Partners** 

**RCA Access Questions?** 

RCA Access request information is available

on our Sharecoint.

- 2



## Report Directory Annotated

Here is a directory of Power BI reports I made in Power BI - With a little help from Excel of course!

Our team had many reports, and Business Partners needed a way to find the reports. So I made a basic table in Excel with Report Names, URLs, descriptions and other metadata. Then I gave it a name and a logo – and the Business Partners could find what they were looking for.

Additionally, I put buttons to our SharePoint, Teams channel and other places at the bottom.

And that is it!

Feel free to contact me at any time ©

Jonathan Maas jonmaas1978@gmail.com 310-500-5841

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