



Introduction to Power BI

By Ed Watson



Ed Watson

Ambassador of Mayhem
Innovative Architects



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MICROSOFT DATA PLATFORM MVP

SQL Server and Data Platform MVP since 2014.

THIS BEACH BOY LOVES SNOW!

Avid SCUBA diver and beach boy who abhors wearing pants.

BACON AND BOURBON!!!!

Attends more concerts than I should, can distinguish a good bourbon, discusses the finer points of gourmet bacon, and sings karaoke badly but with enthusiasm!

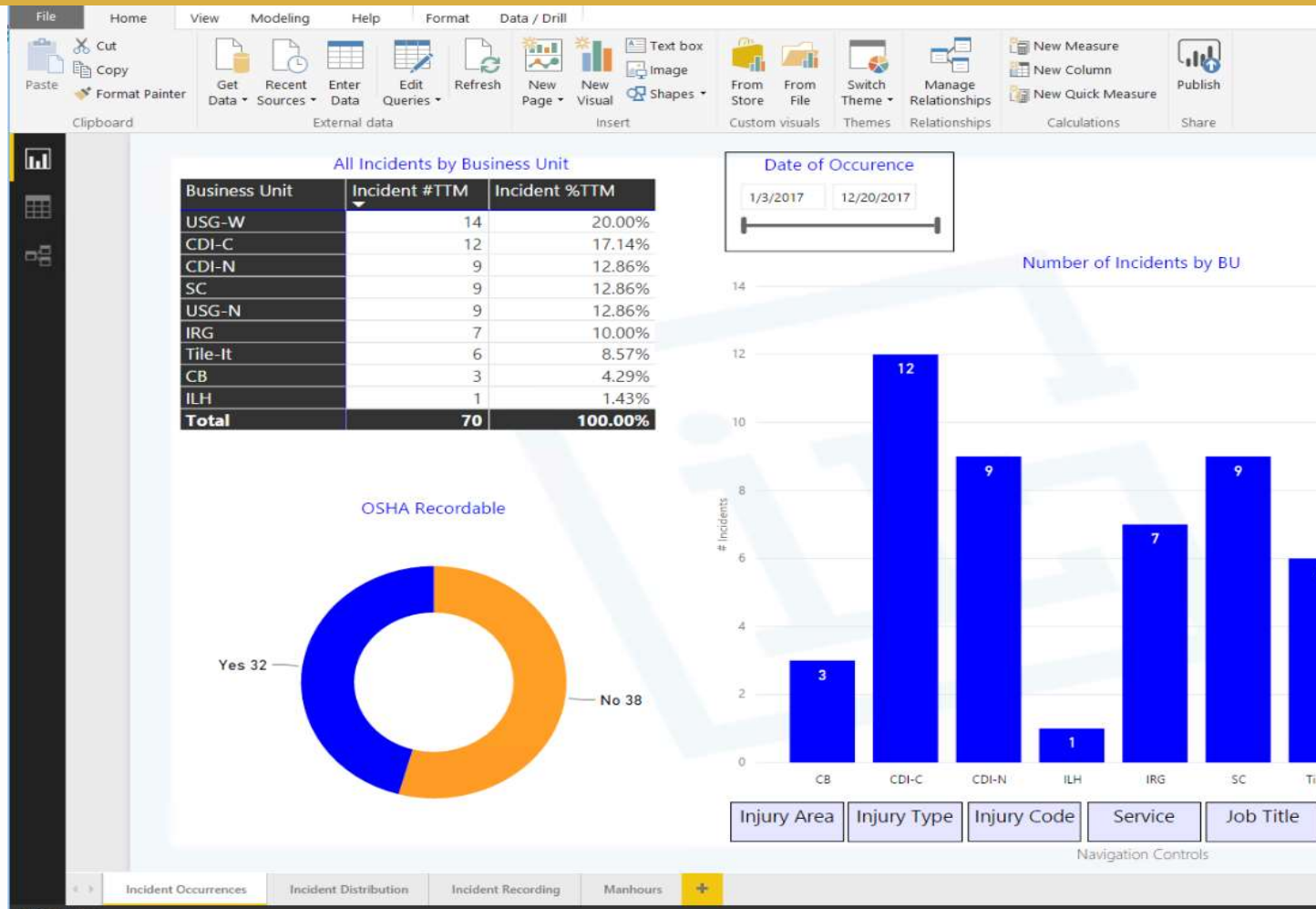


What is Power BI?

- Power BI Desktop – Free Windows app for self-service data analytics
- Power BI Mobile – Free apps for iOS, Android, and Windows
- Power BI Service – SaaS at PowerBI.com
- Power BI Embedded – An Azure service for integrating Power BI reports in custom apps (using Azure and iFrames, now with APIs)
- Power BI Report Server – On Premises version (for those with cloud aversions)
- Power BI Premium – Capacity Pricing for larger volumes
- Power BI Custom Visualizations – Open source, based on D3



Power BI Desktop





Power BI Mobile

Search ●●●○ LTE ✱

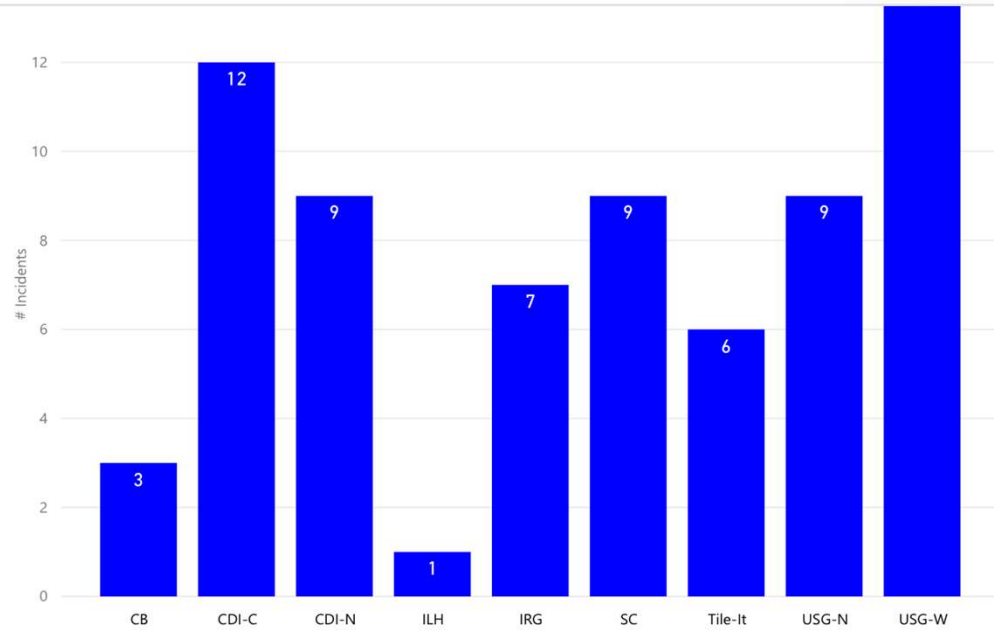
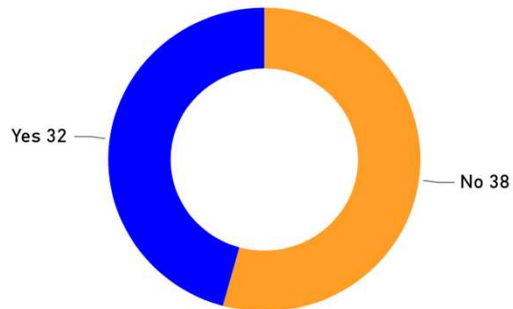
10:43 PM

87%

Safety ▾ INCIDENT OCCURRENCES

USG-N	9	12.86%
IRG	7	10.00%
Tile-It	6	8.57%
CB	3	4.29%
ILH	1	1.43%
Total	70	100.00%

OSHA Recordable



- Injury Area
- Injury Type
- Injury Code
- Service
- Job Title
- Body Part
- Activity





Power BI Service

Power BI My Workspace > Safety

File View Edit report Explore Refresh Pin Live Page

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All Incidents by Business Unit

Business Unit	Incident #TTM	Incident %TTM
USG-W	14	20.00%
CDI-C	12	17.14%
CDI-N	9	12.86%
SC	9	12.86%
USG-N	9	12.86%
IRG	7	10.00%
Tile-It	6	8.57%
CB	3	4.29%
ILH	1	1.43%
Total	70	100.00%

Date of Occurrence: 1/3/2017 to 12/20/2017

OSHA Recordable

Yes 32 No 38

Number of Incidents by Business Unit

Injury Area Injury Type Injury Code Service

Navigation Control

Incident Occurrences Incident Distribution Incident Recording Manhours



Power BI Embedded

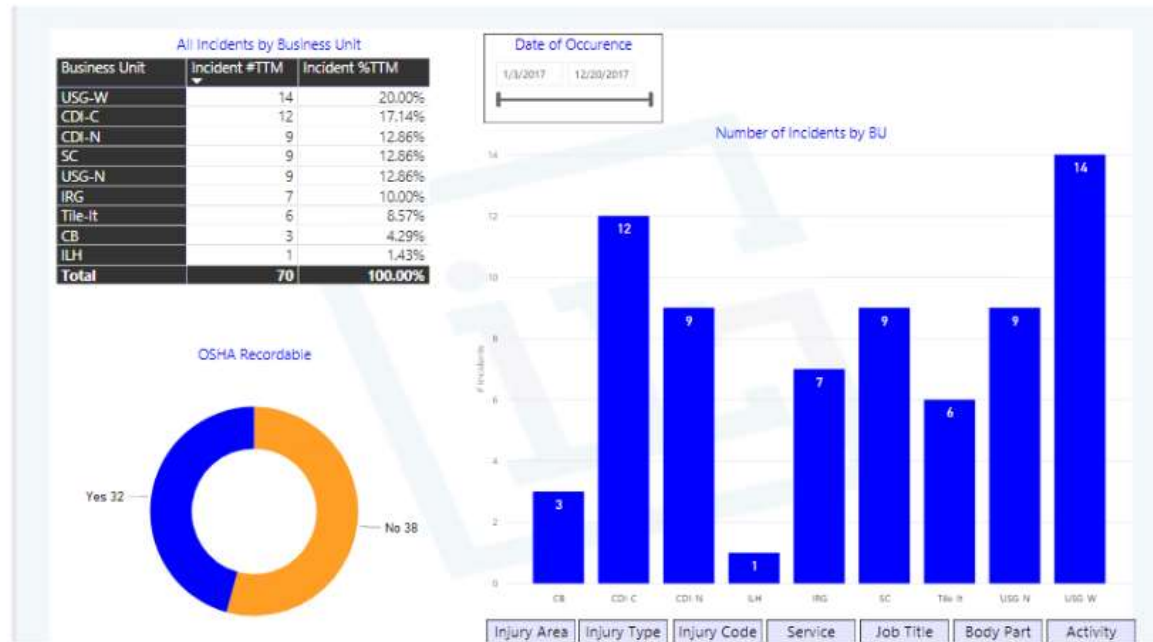
Reports

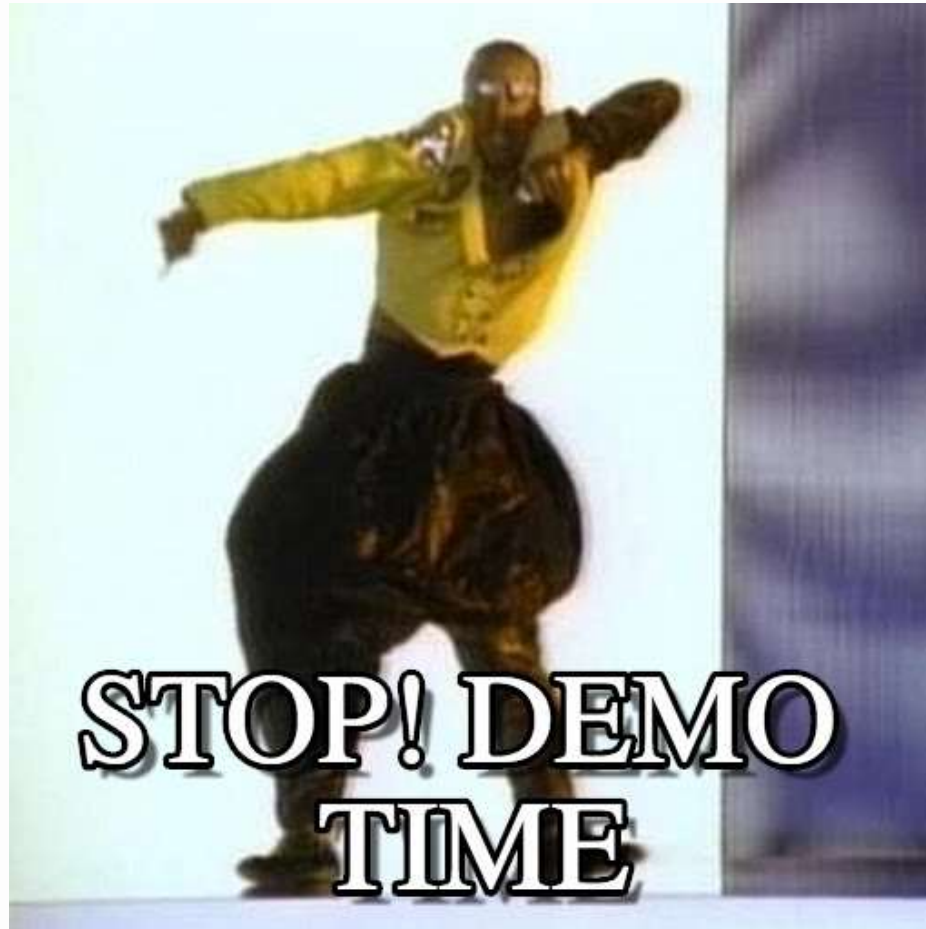
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Safety

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Thank you!
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