M365
SECURITY,
COMPLIANCE &
MANAGEMENT

MIP and Power BI Compliance and Protection for Sensitive Business Data

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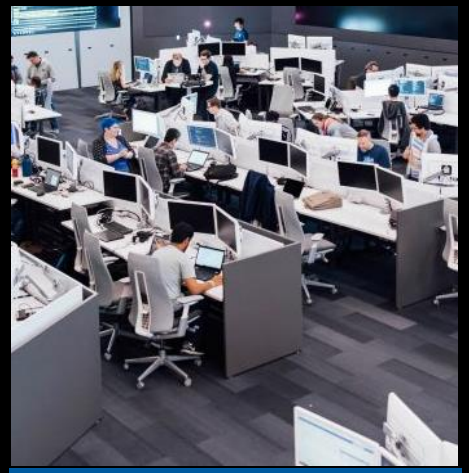
Pandemic | Online work | Security

Online collaboration

145M

Daily active users in Microsoft Teams, 4x vs before pandemic

Microsoft blog 2021

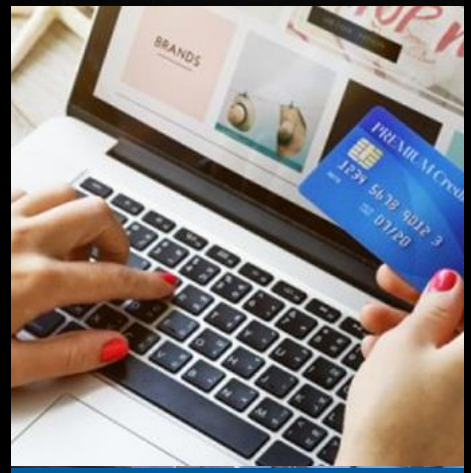


Security staff

82%

Of business leaders plan on adding security staff

Microsoft survey 2020



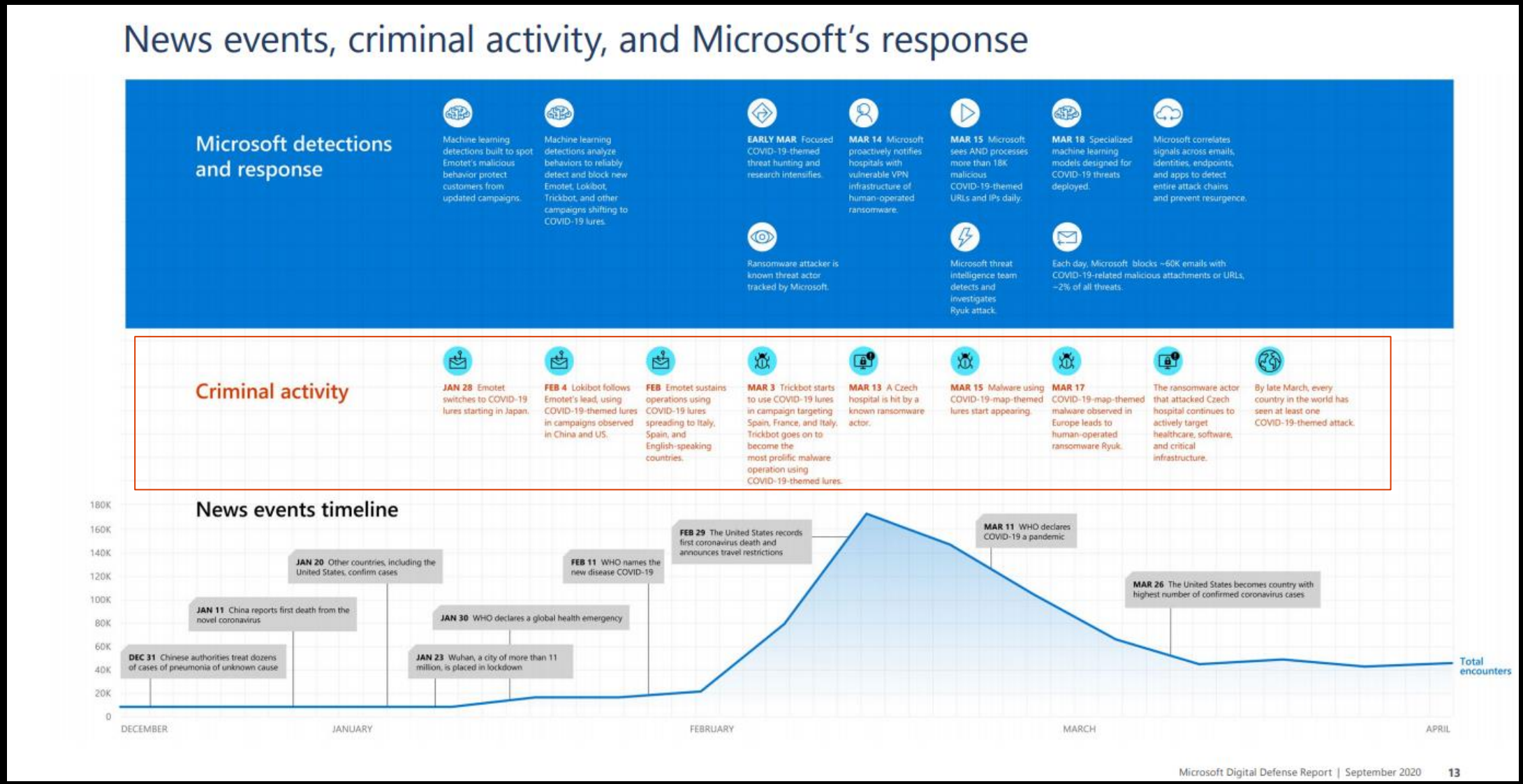
Costs

81%

Of business leaders feel pressure to reduce security costs

Microsoft survey 2020

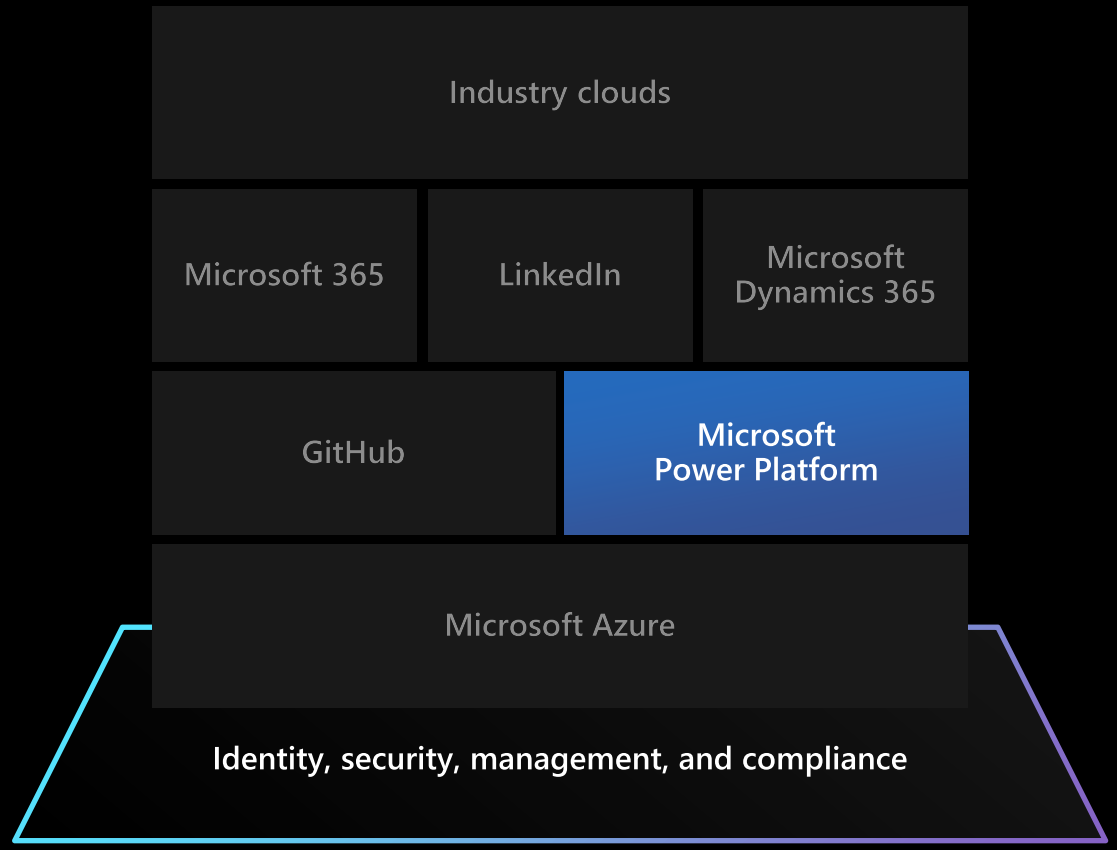
Data Breaches Since Covid-19



Benefits of MIP + Power BI

- Meet compliance requirements for sensitivity data in the cloud
- Centralized policies management and monitoring
- End-To-End protection as data travels across systems
- Don’t compromise on productivity
- Reduced COGs

Microsoft cloud



Power BI

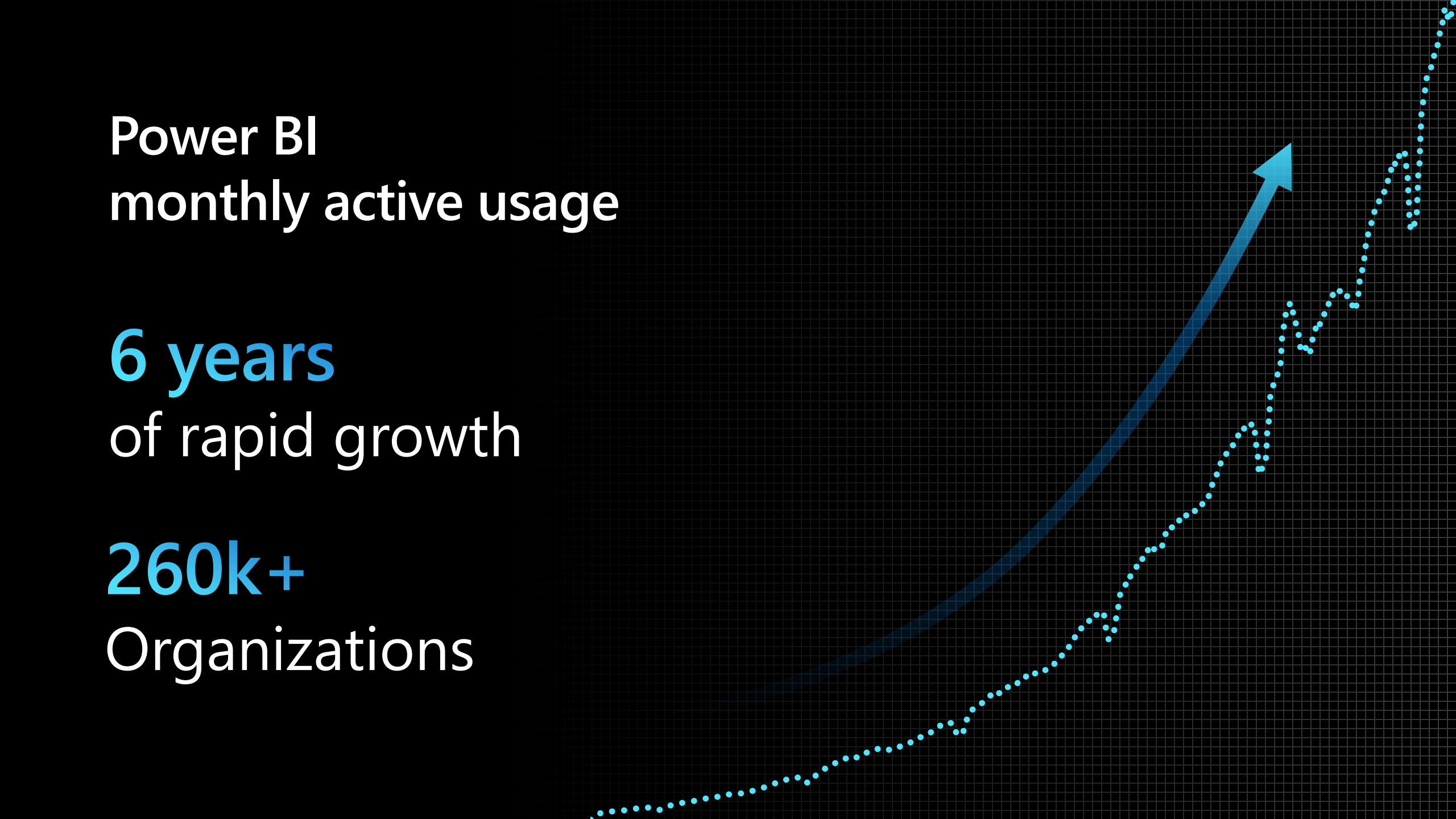
Drive a data culture

everyone | every decision | at any scale

Power BI
monthly active usage

6 years
of rapid growth

260k+
Organizations



Industry Leadership

Gartner

Figure 1: Magic Quadrant for Analytics and Business Intelligence Platforms

Source: Gartner (February 2021)

FORRESTER®

Why the world's largest organizations are standardizing on Power BI

Leading BI capabilities

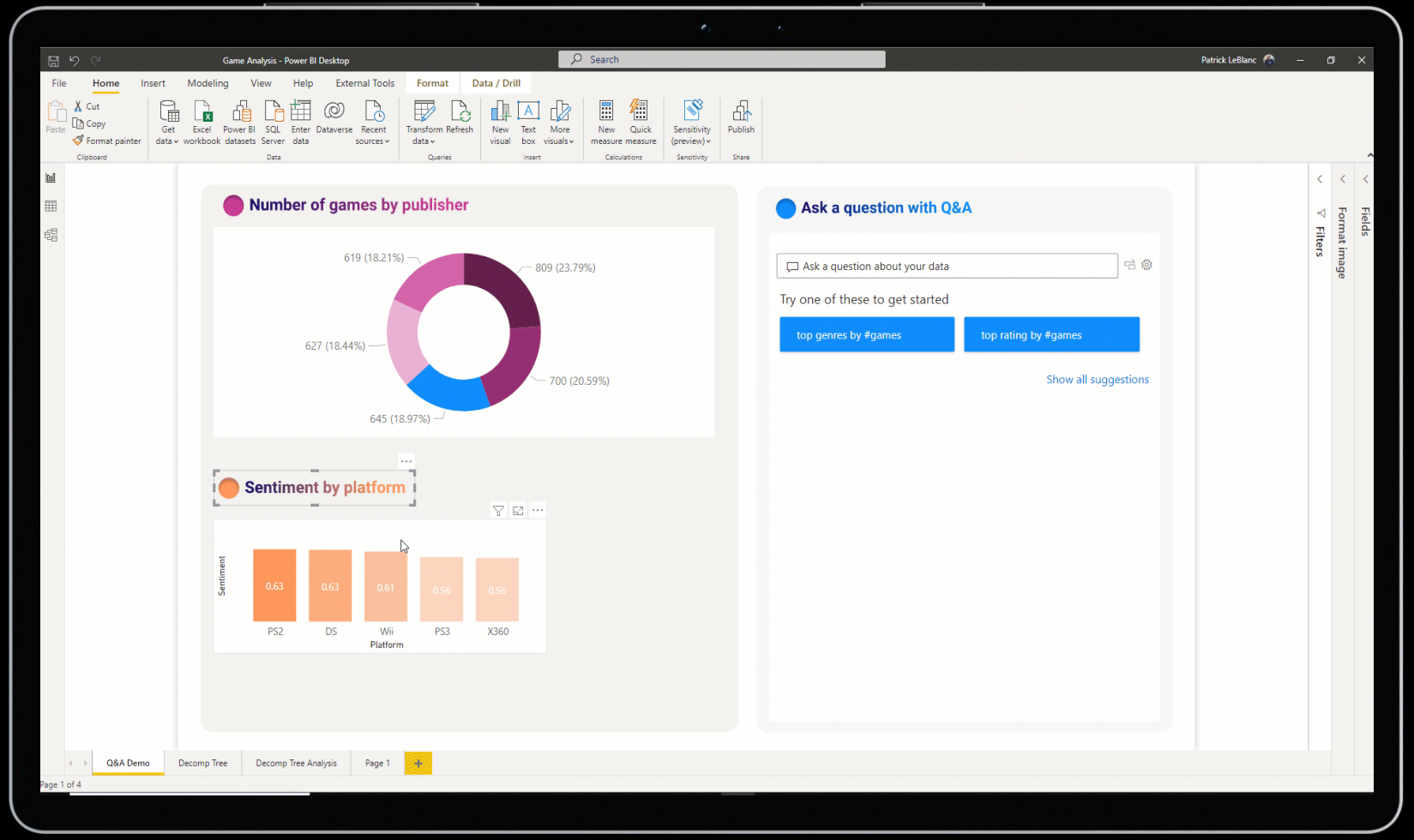
Fully governed & trusted

Best economics

Why the world's largest organizations are standardizing on Power BI

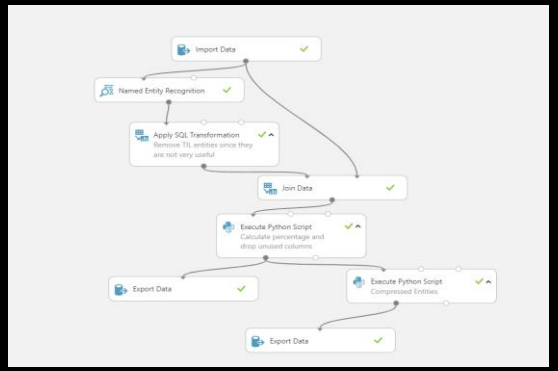
Leading BI capabilities

PowerPoint for data

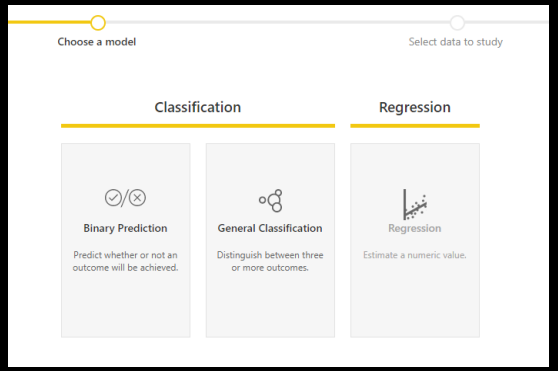


The most complete AI capabilities in a BI product

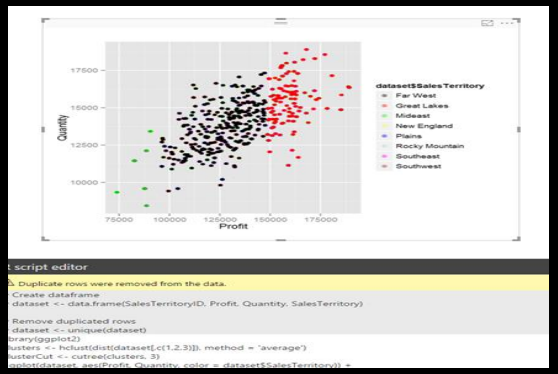
Extend with Azure ML



Create ML models



Python & R Integration

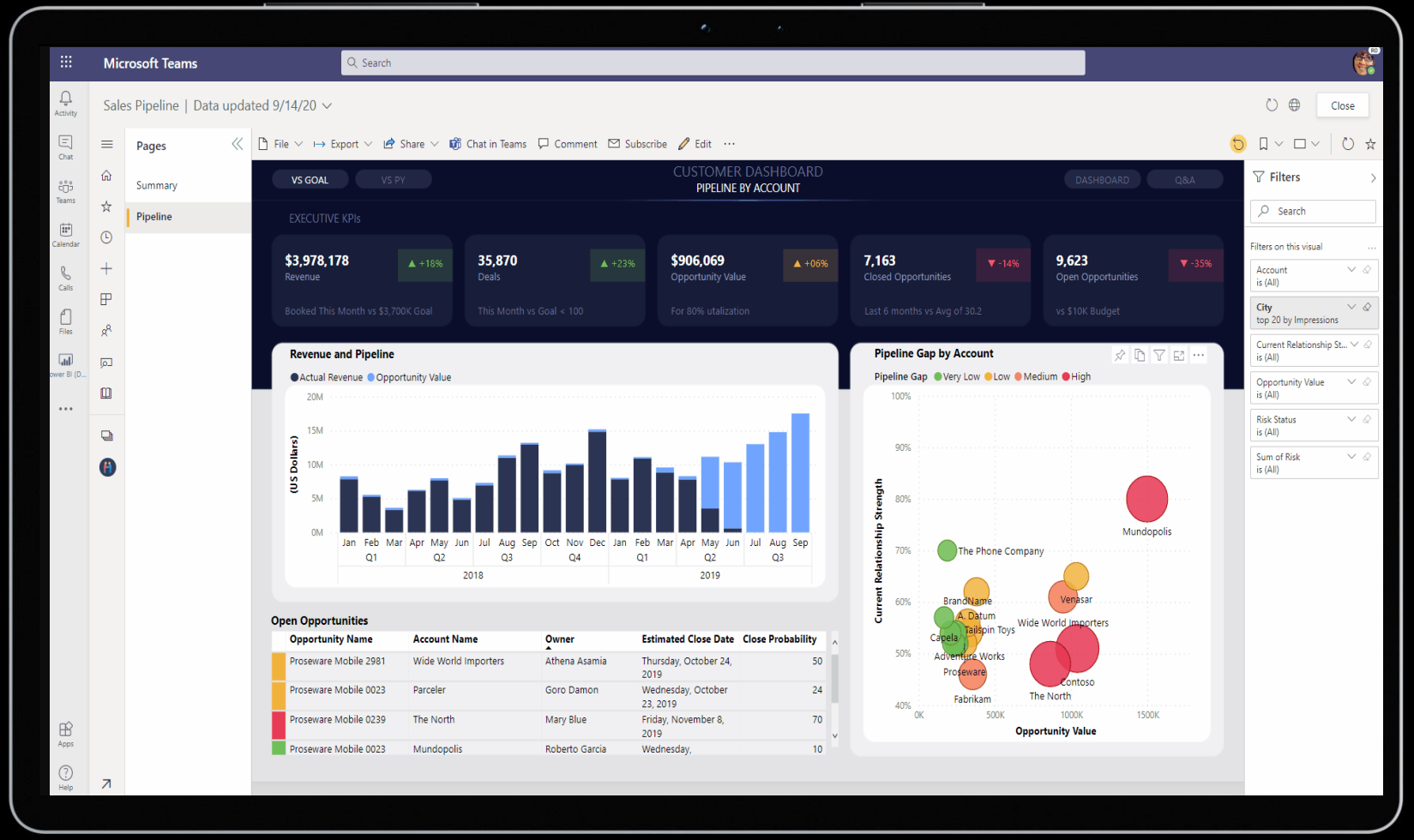


Explore Predictions

Power BI + Teams

Your data is where you collaborate

As fundamental as “chat”, “calendar” and “files”



Why the world's largest organizations are standardizing on Power BI

Fully governed & trusted

Power BI security strategy

Cloud & remote work

Data residency

Certifications

Network security

Data encryption

Data loss prevention

Power BI security strategy

Cloud & remote work

Data residency

Large global footprint, offering storage in 54 data centers WW

Multi-geo capacities

Certifications

119 local and international compliance standards

34 local and international industry certifications

Network security

Service tags

Private links

VNet

TLS 1.2 enforcement

Data encryption

BYOK encryption via Azure Key Vault

Double encryption at rest

Data loss prevention

Classify and protect data with MIP

Monitor and protect data with MCAS

Integrated security policy management, audit and compliance

Power BI tenant admin governance - permissions, settings, metrics

Power BI security strategy

Cloud & remote work

Data loss prevention

Classify and protect data with MIP

Integrated security policy management, audit and compliance

SharePoint

OneDrive

PowerBI

Teams

Office

MIP

Microsoft Information Protection is a built-in, intelligent, unified and extensible solution to protect sensitive data

It is a massive cross team effort

Azure

MCAS

Exchange

Windows

Edge

Microsoft Information Protection (MIP)

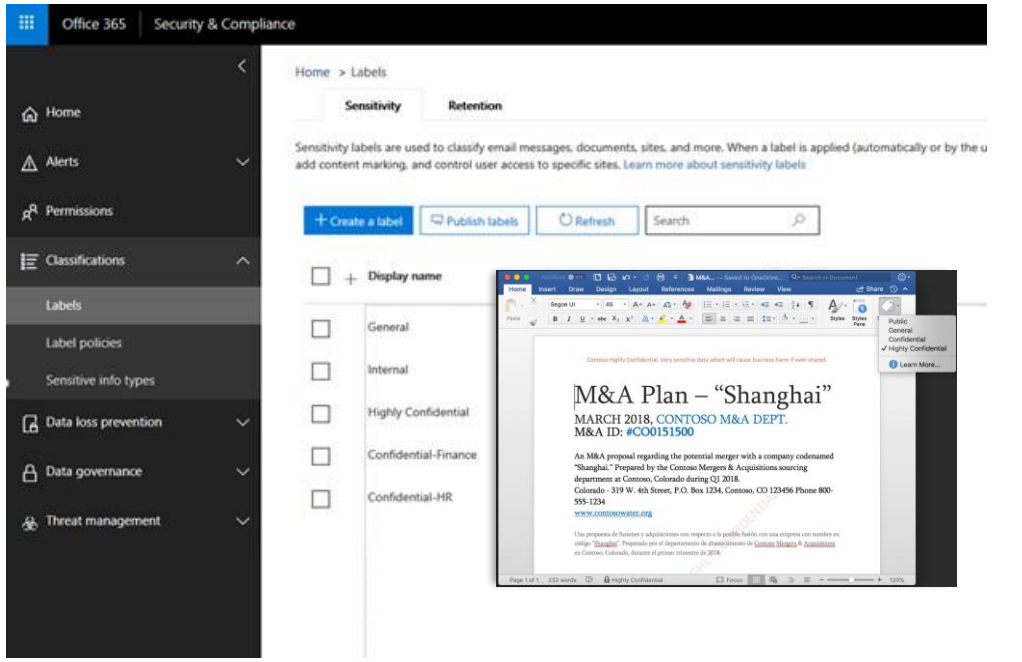
Key customer benefits

BUILT-IN
Built-in labeling and protection experience in Microsoft 365 apps, Microsoft 365 services, other MS services like Power BI, Edge and Windows

INTELLIGENT
Accuracy in classification via ML based trainable classifiers and exact data match

UNIFIED
Single admin console to configure and manage your policies and view analytics across on-premises, Microsoft 365 apps, Microsoft 365 services, 3rd party services and Windows devices

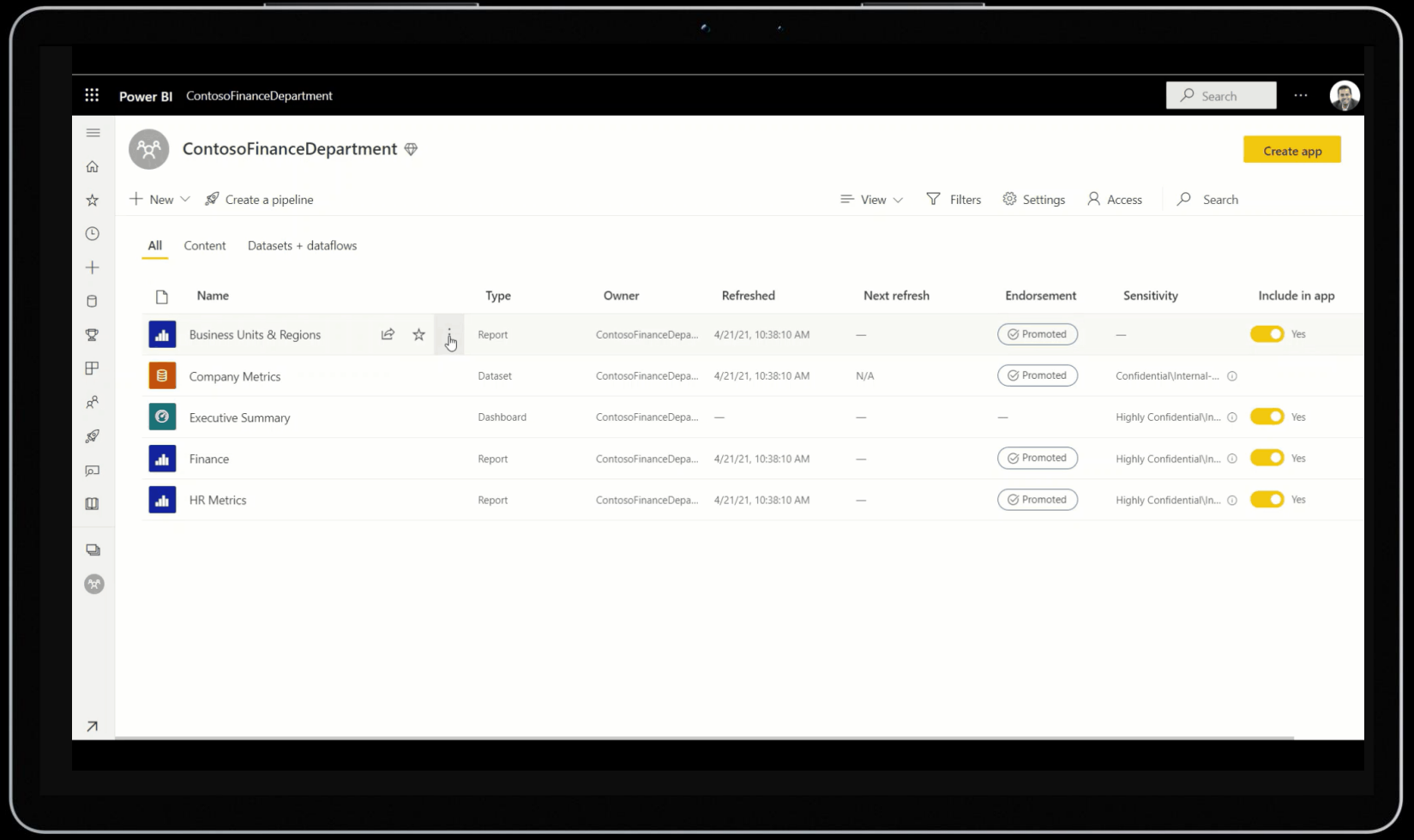
EXTENSIBLE
MIP platform extends the protection experience, in a consistent way, to popular non-Microsoft apps and services



Microsoft Information Protection is a **built-in, intelligent, unified** and **extensible** platform and solution to protect sensitive data.

MIP and Power BI

- Classify Power BI content with MIP labels
- Label and protect files when data leaves Power BI (Excel, PowerPoint, PBIX and PDF).



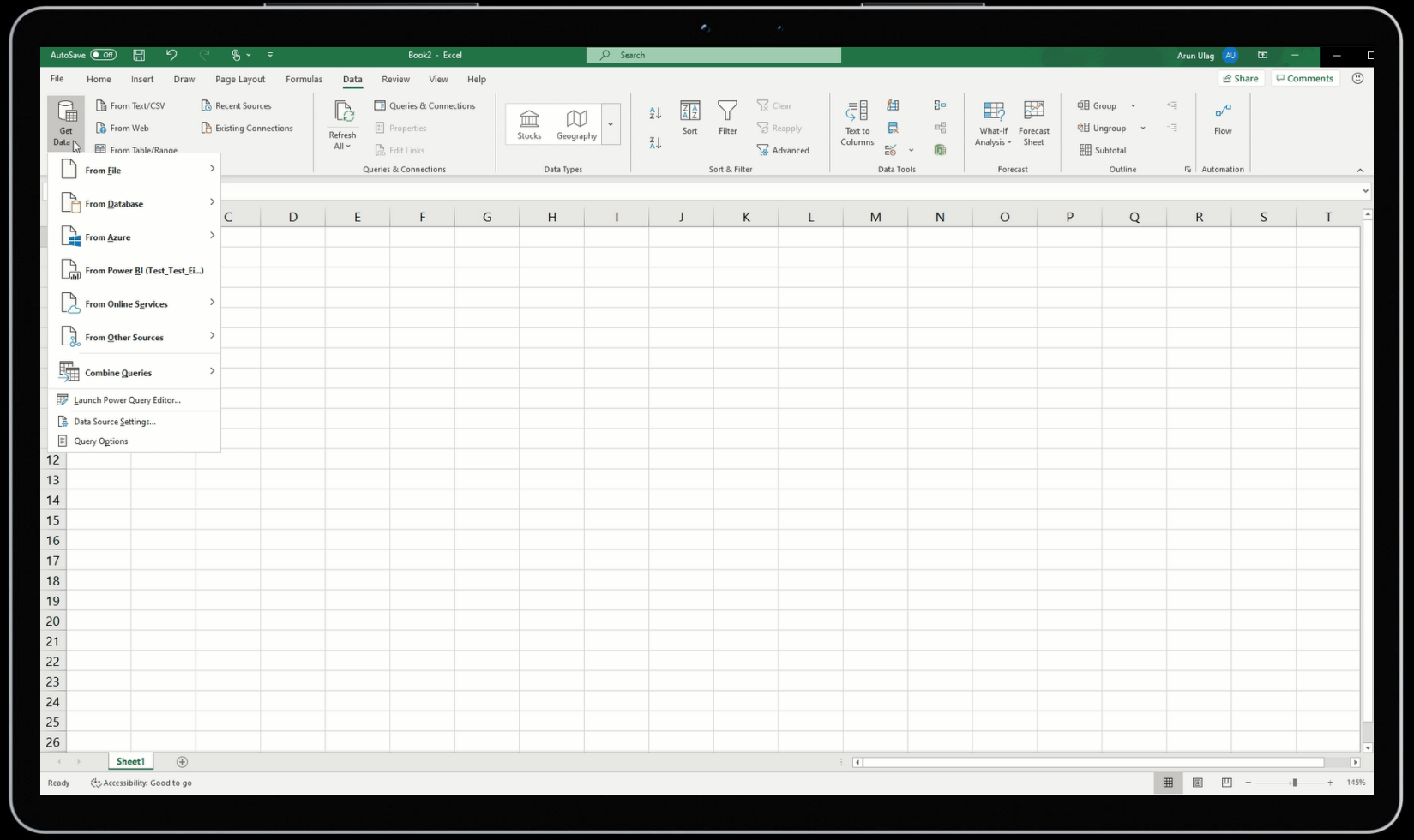
MIP in Power BI Desktop app

Label and protect PBIX files

Demo

Inherit labels when connect to Power BI data from Excel

Automatic Excel Workbook labels

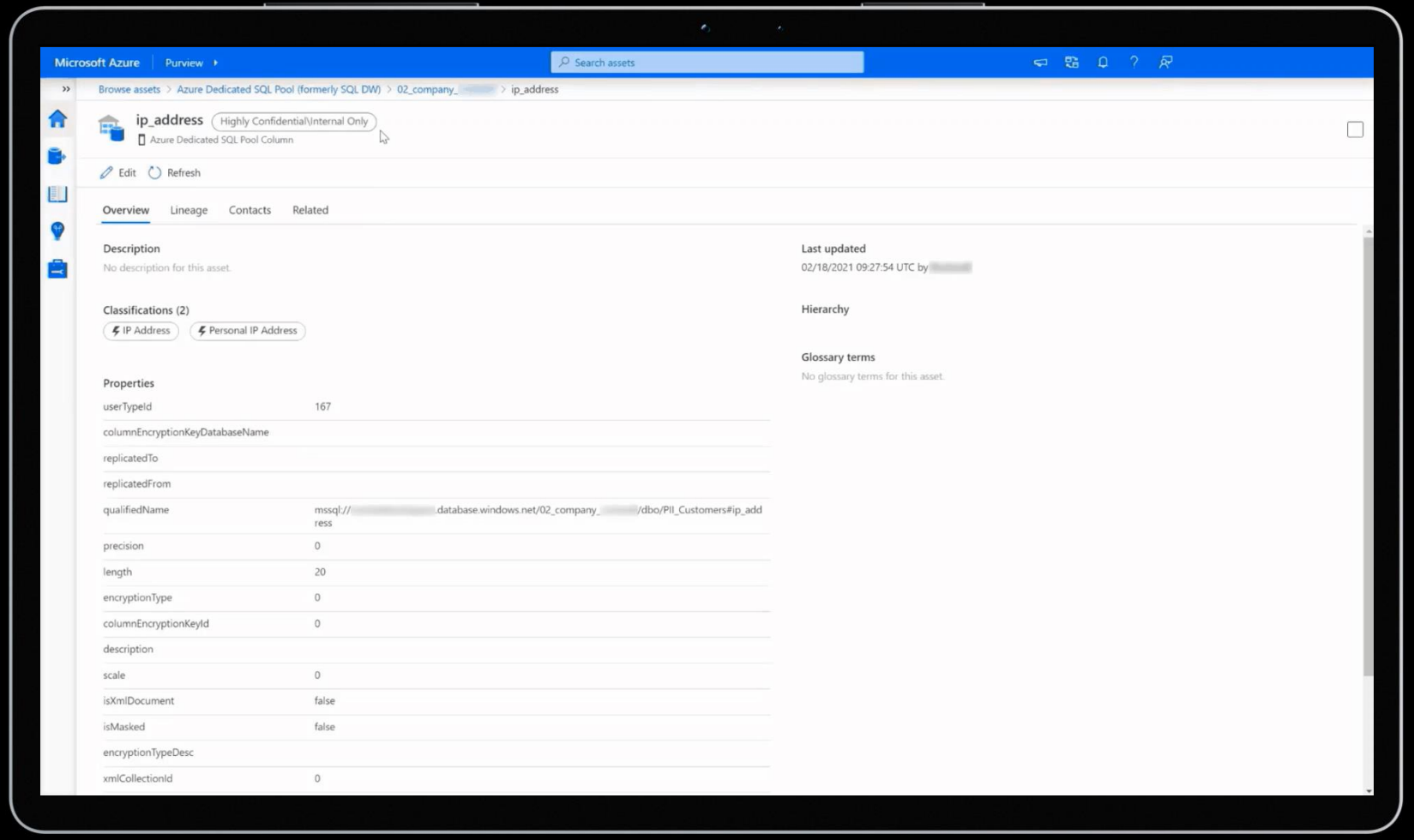


Inherit MIP label from data source

Securing the full data journey from Azure to Office

Coming soon

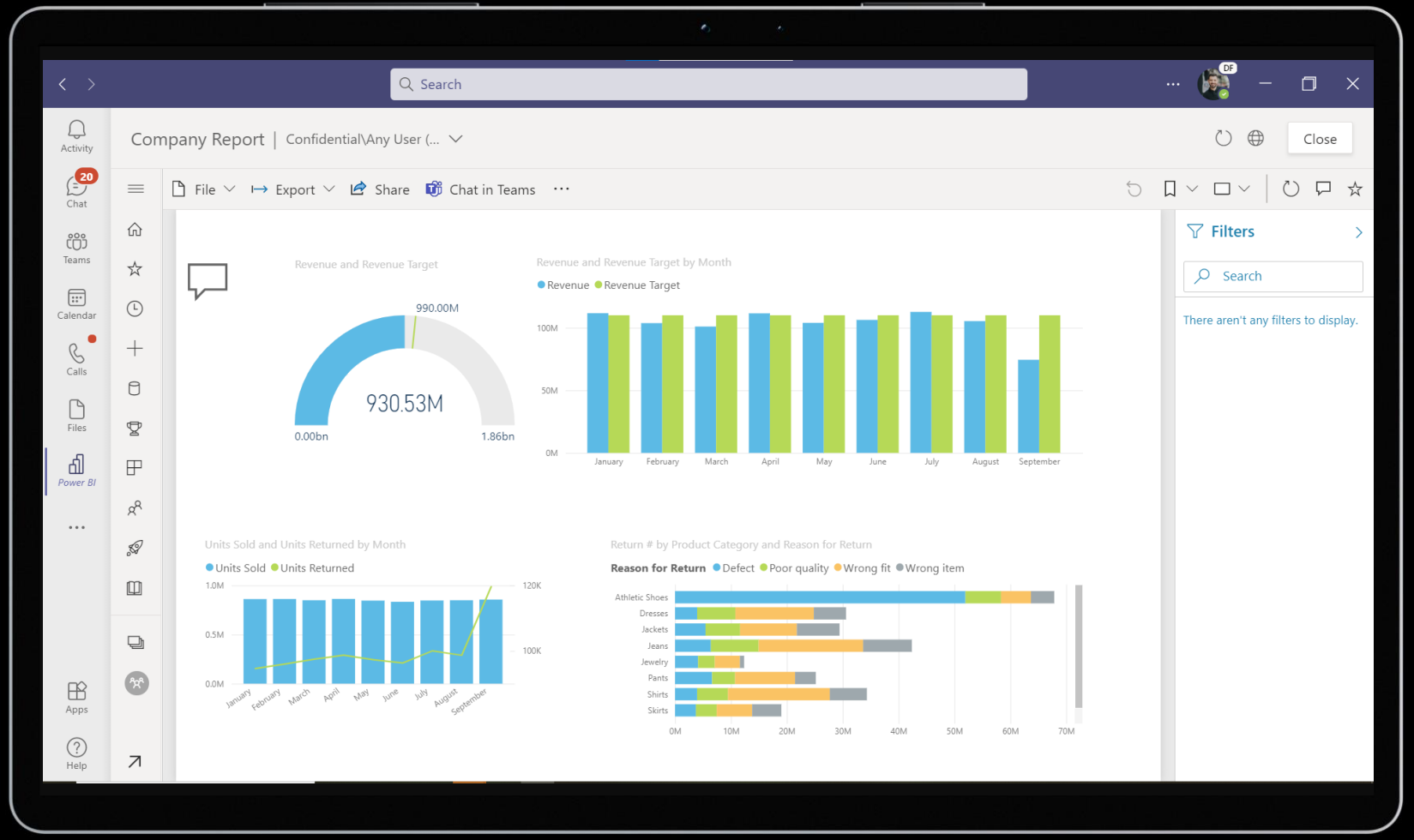
- Inherit MIP label from source Excel file
- Get data from protected Excel file



Demo

MIP Labels in Microsoft Teams

- Sensitivity labels visible in embedded views
- Protection persists when data is exported.

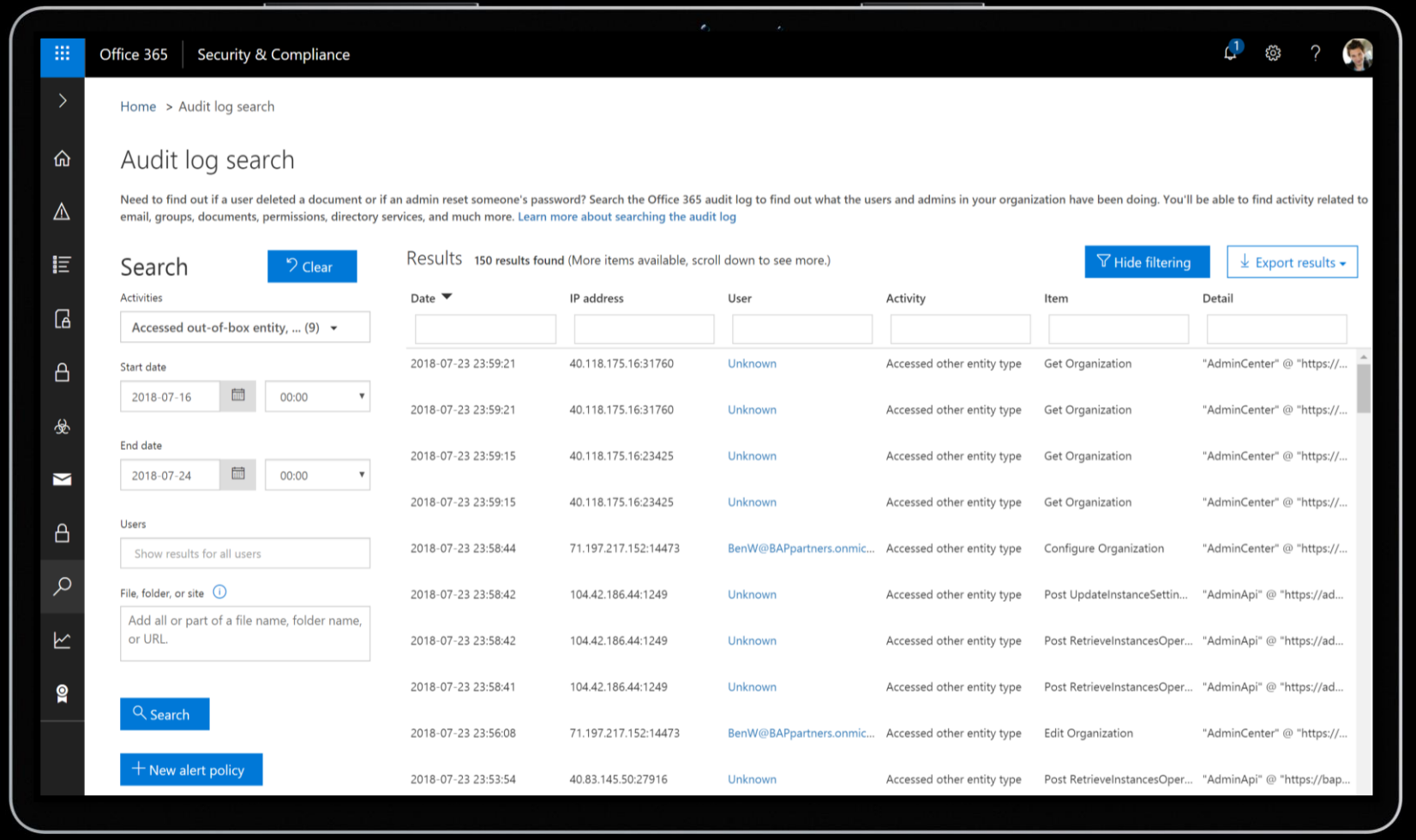


MIP label policies

- Mandatory label policy
- Default label policy - *Coming soon*
- Admin APIs to set/remove MIP labels

O365 audit logs

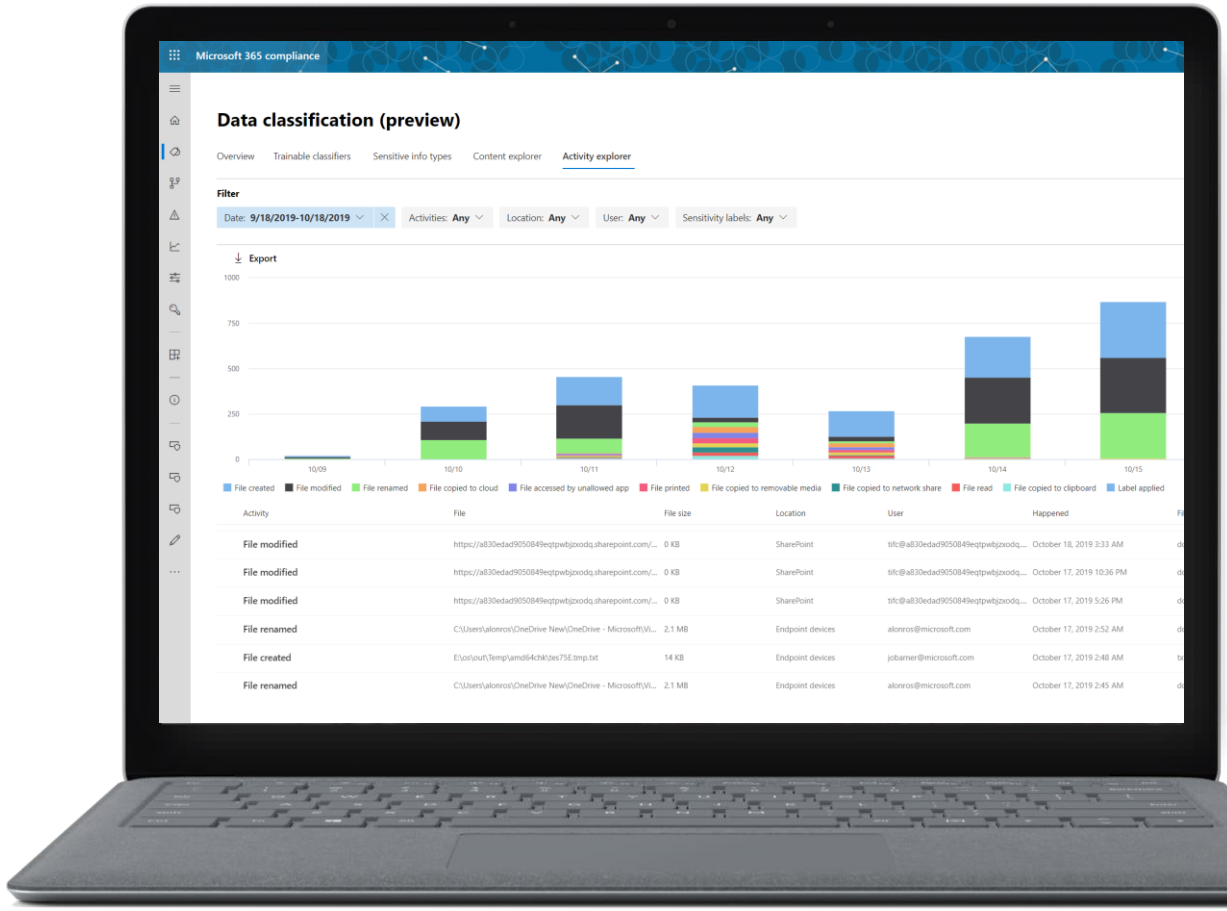
Every user and system event are captured by the standard enterprise audit log



Activity Explorer

A better understanding of activities related to your data

- Visibility into document-level activities like label changes and label downgrades
- Ability to filter the data to see all the details for a specific label, file, file types, user and importantly interesting activities
- Understanding of a broad-spectrum of activities across documents by location

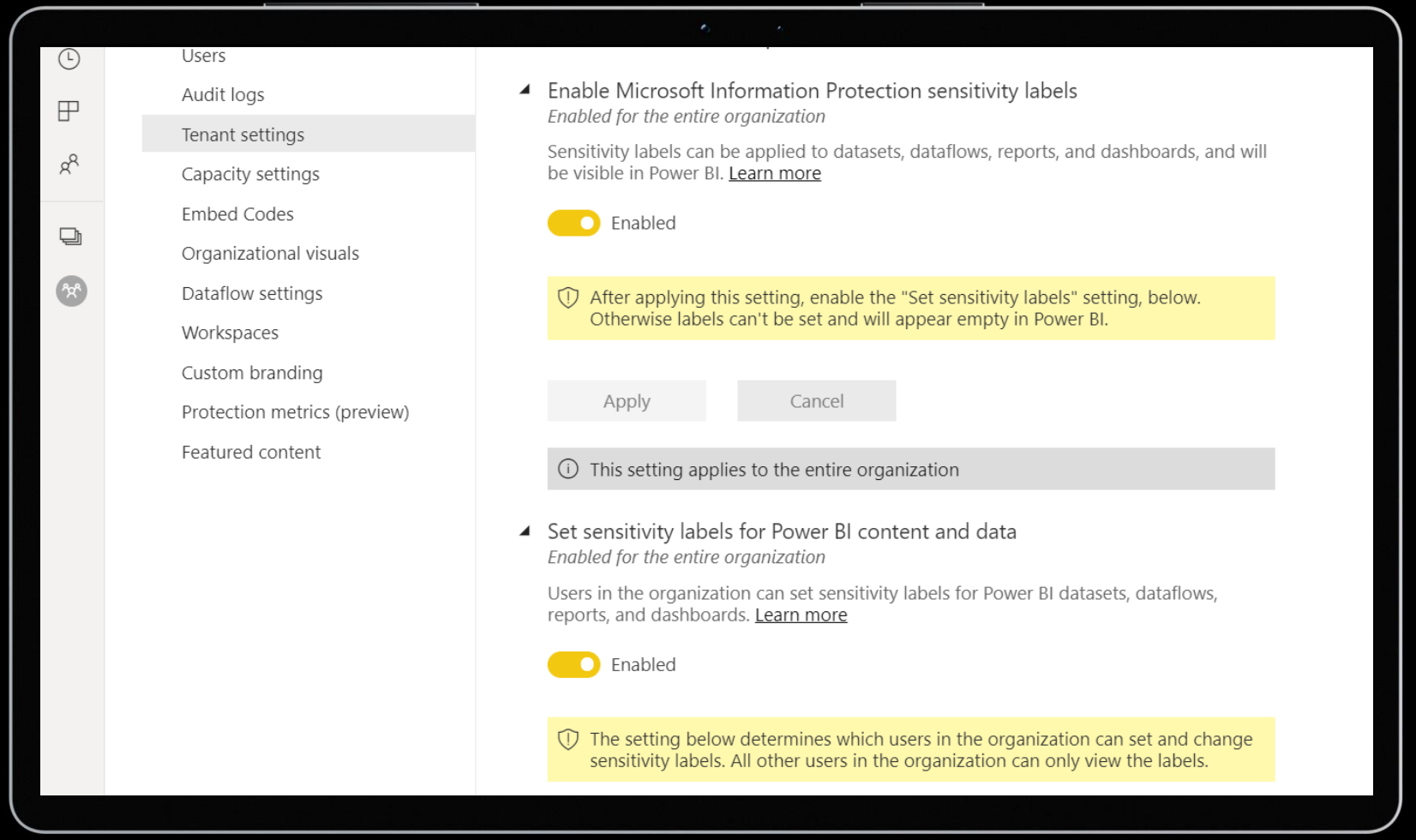


Coming soon: Power BI label activities

Enable MIP labels in Power BI admin portal

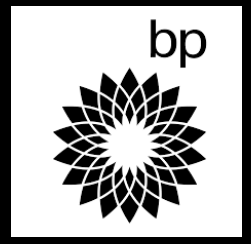
Publish label policy in M365 Compliance

Enable MIP label in Power BI admin portal



Licenses

- To view and apply sensitivity labels in Power BI, in addition to Power BI licenses, users must have Governance (IP&G) at minimum
- The license is sold stand alone or trough one of Microsoft's licenses suites, Microsoft 365 E5 / E5 Compliance (Power BI included in E5)
- For more details go to: https://aka.ms/PowerBIDataProtectionOverview



“Our data owners can now classify their data with ease within Power BI and align with our existing Microsoft Information Protection labels. The integration with Microsoft Information Protection means that we can see where our important data is being used and be assured that exported data is automatically labelled and protected in accordance with our policies. In this way our users practice security by choice because it is easy. The ability to monitor activity and block or protect downloads of classified data in real-time using [Microsoft Cloud App Security] is a very powerful control, which gives us increased flexibility on collaborating and sharing securely.”

Why use MIP labels in Power BI?

Compliance

Centralized

End-To-End protection

Easy to deploy

Don’t compromise on productivity

"We've seen two years' worth of digital transformation in two months."

Satya Nadella

Microsoft

Resources and information?

Sensitivity labels in Power BI documentation – https://aka.ms/PowerBIDataProtectionOverview

Microsoft Dynamics 365

Questions?

Microsoft Dynamics 365

Thank you!