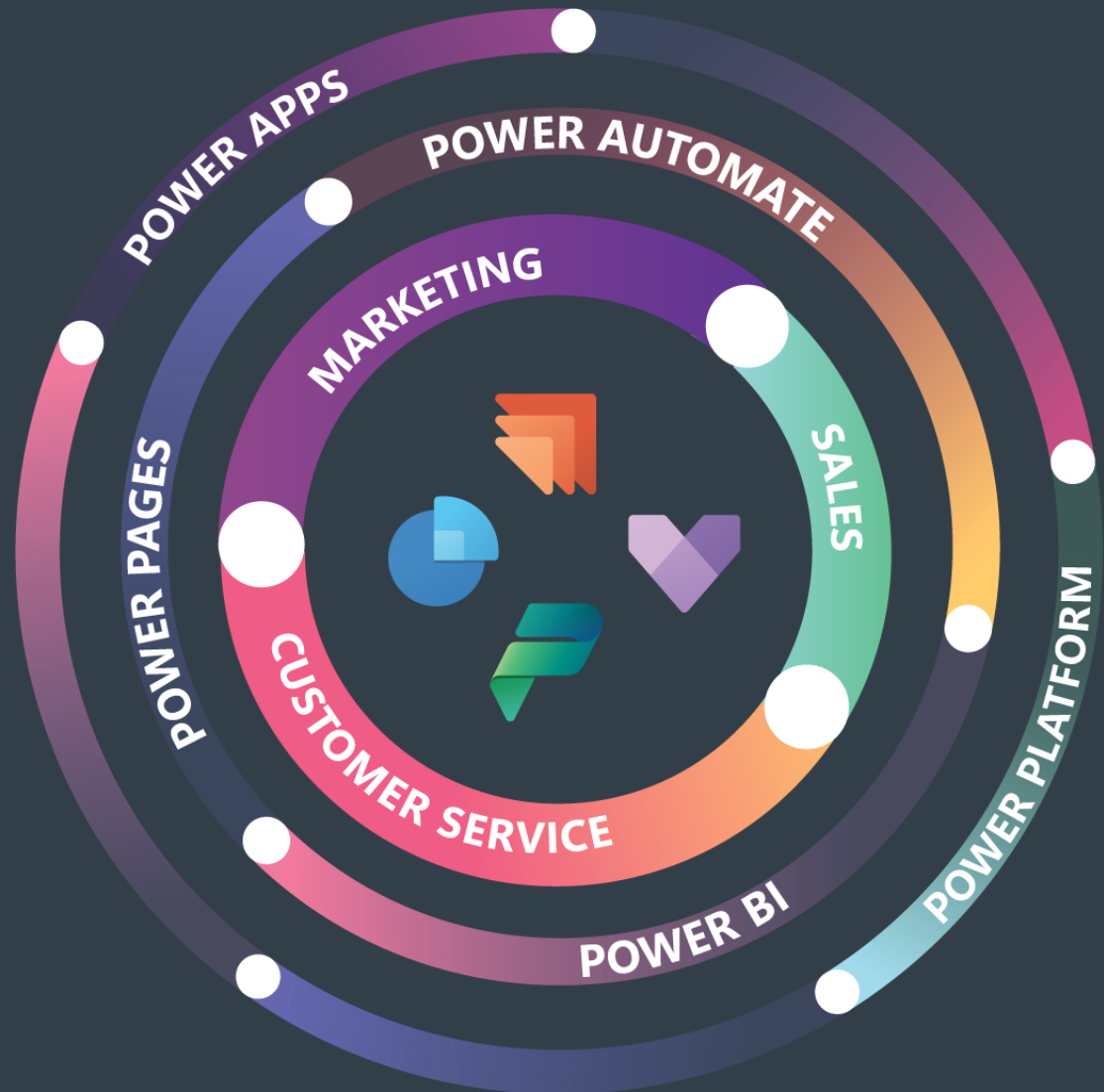Can you hear me?

Is everything clear?
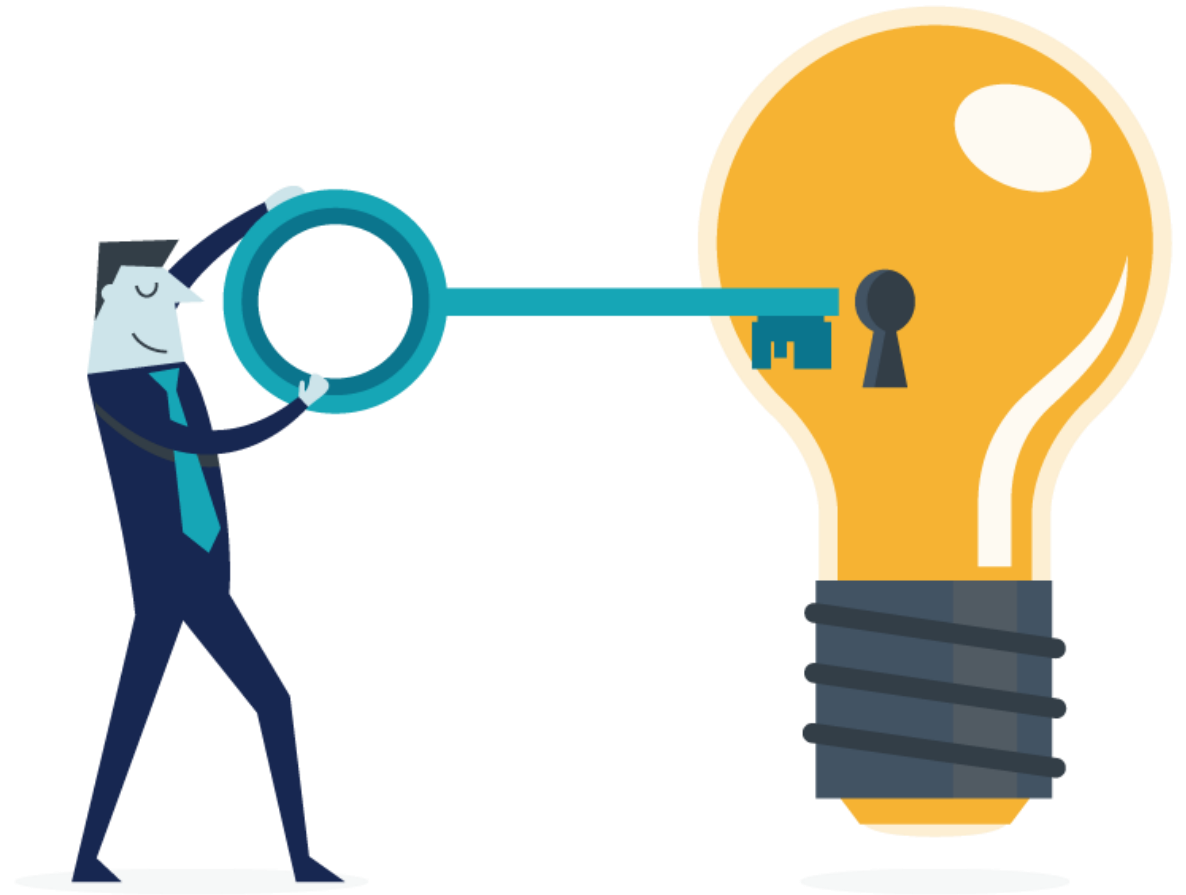
~ 45 mins

Q & A

tecman

Hi!

Jordan & Jason

tecman

What we'll cover

1. Reporting Choice

2. What is Fabric?

3. The cost of your data in a world of AI

4. DO's and DON'T

5. Whats New/Upcoming

6. Demo

tecman

Reporting Choice with Dynamics 365

tecman

Dynamics 365 Reporting

Business Central

Native
1. Saved Views
2. Analyse Model
3. Financial Reports
4. Export to Excel

3rd Party
1. Jet Reports
2. Cosmos
3. Power BI

Dynamics 365 CRM Apps / MDA

Native
1. System & Personal Views
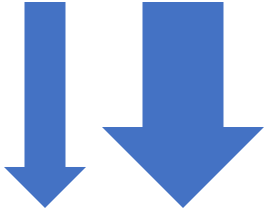2. Standard & Interactive Dashboards
3. Export to Excel

3rd Party
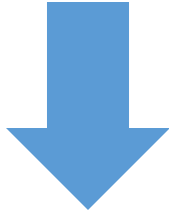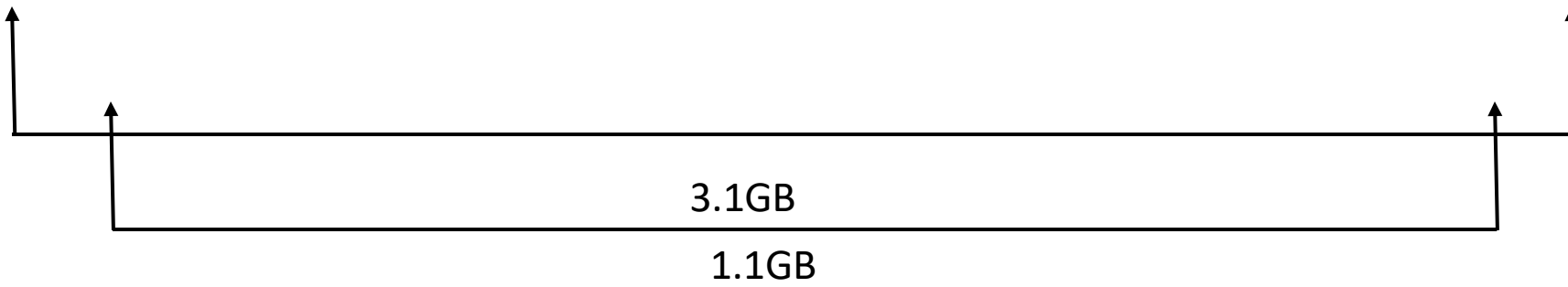1. Cosmos
2. Power BI

tecman

The Cost of Your Data

tecman

0.1mb 600mb 1200mb 500mb 800mb

6000 Accounts
12000 Contacts
5000 Leads
8000 Opportunities
Activities

3.1GB

1.1GB

tecman

# Microsoft Fabric

tecman

Power BI Glossary

tecman

Term	What is it?
Workspace	Used to collaborate and share content with colleagues. You can add colleagues to your workspaces and collaborate on dashboards, reports, apps, workbooks, and semantic models. With one exception, each workspace member needs a Power BI Pro or Premium Per User (PPU) license to share and collaborate
Semantic Model	Represent a source of data that's ready for reporting and visualization.
Report	A Power BI report is a multi-perspective view into a semantic model, with visuals that represent findings and insights from that semantic model. A report can have a single visual or many pages full of visuals.
Dashboard	Is a single page, often called a canvas, that tells a story through visualizations. Because it's limited to one page, a well-designed dashboard contains only the highlights of that story The visualizations you see on the dashboard are called *tiles*. You *pin* tiles to a dashboard from reports, and each report is based on a semantic model. A dashboard is an introduction to the underlying reports and semantic models.

tecman
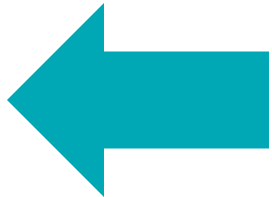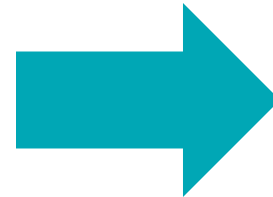
Territory 1		Account Type	Value
	Owner 1		
		Housing	100,000
	Owner 2		
		Finance	620,000
		Housing	210,000
	Owner 3		
Territory 2		Account Type	Value
	Owner 4		
		Public	536,000
		Transport	52,000
	Owner 5		
		Housing	104,000

tecman

DO's and DON'T's

tecman

Penny for your thoughts...

DO

1. Tell a story
2. Consider smaller semantic models
3. Consider your refresh rates (just cause you have them, doesn't mean every model needs the maximum)
4. Save the file
5. Have a naming convention
6. Versioning (consider test and live)
7. Maintain data accuracy
8. Implement security roles

DON'T

1. Create too many bi-directional relationships in your data
2. Make Power BI your home of complex data models
3. Create too many measures per report
4. Think everyone can create Power BI models, reports and dashboards

tecman

Data Volumes & API Limits

Data Volume + API Considerations

- Data model size in Power BI Pro is 1GB
- Data model size in Power BI Premium per user is 100GB

tecman

Demo

1. Connectors - BC / Dataverse

2. Setting Up Incremental Refresh
   3. Scheduling Report Distribution
   4. Report Alerts

5. Power BI Security

6. Co-Pilot & Power BI (of course)

tecman

Do I Need One Lake?

tecman

One Lake For BC & D365 + Power Platform

Business Central - Future

1. Use Cases
   1. Periodic exports
   2. Archive older data
   3. Performing data analysis

   High availability storage is expensive

   ODATA API's Push Vs Pull

Dataverse (CRM/Power Platform) - Now

1. Dataverse direct link
2. No Need to export data, build extracts
3. Data stays in Dataverse whilst certain users work with data in Fabric (optimised replica in same region as Dataverse environment)

tecman

Design Your Report

Important Design Tips

- Consider the number of source, tables and fields required and data volume (and anticipated growth)

- Consider what range of data is needed

- Outline your measures

- Be sensible on data refresh expectations

- Visualisation expectations

- Accessibility and security

- **Document the requirement**

tecman

Power BI Pricing Recap

Capacity & Pricing

1. **Power BI Pro - £8.20pupm**

2. **Power BI Premium - £16.20pupm**

3. **Power BI Premium per capacity – from £4,105.60pm**

Feature [5]	Power BI in Microsoft Fabric free account	Power BI Pro	Power BI Premium per user	Power BI Premium per capacity (includes Microsoft Fabric)
Create reports with Power BI Desktop[6]	●	●	●	●
Publish Power BI reports to share and collaborate		●	●	
Advanced AI, dataflows, datamarts, and XMLA endpoint read/write			●	●
All users can consume Power BI content without a paid per-user licence[7]				●
Access to all the Microsoft Fabric workloads, including Data Factory, Data Engineering, Data Warehouse, Data Science, Real-Time Analytics, and Data Activator				●
Model memory size limit[8]		1 GB	100 GB	400 GB
Refresh rate for Power BI datasets		8/day	48/day	48/day
Maximum storage (Power BI native storage)[9]		10 GB/user	100 TB	100TB
Data security and encryption	●	●	●	●
OneLake storage, OneLake BCDR storage, OneLake cache, and networking[10]				●

tecman

Questions?

tecman