





#### **Dana Service**

Microsoft Certified Professional

**Solution Architect** 

Stoneridge Software

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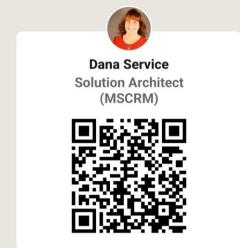
linkedin.com/in/dana-service

Microsoft® Certified: Dynamics CRM User Group Leader – Arizona

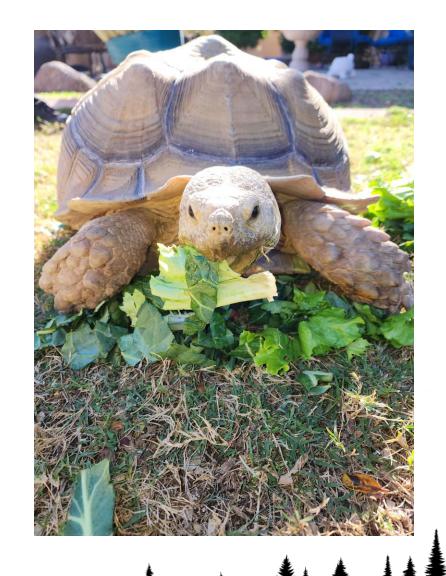
16 years in Dynamics CRM:
D365 Power Platform
2011, 2016 CRM On Prem
D365 Online CRM for Sales, Customer Service, Marketing, and Field Service



Professional







## Agenda

- Comparing Personal vs System Views, Charts & Dashboards
- Creating Personal Views/Graphs/Power BI visualizations based on Views
- Creating Admin Views, Charts and Dashboards in PowerApps
- Embedded PowerBI in dashboards
- Upgrading charts with XRM ToolBox
- The case for SSRS

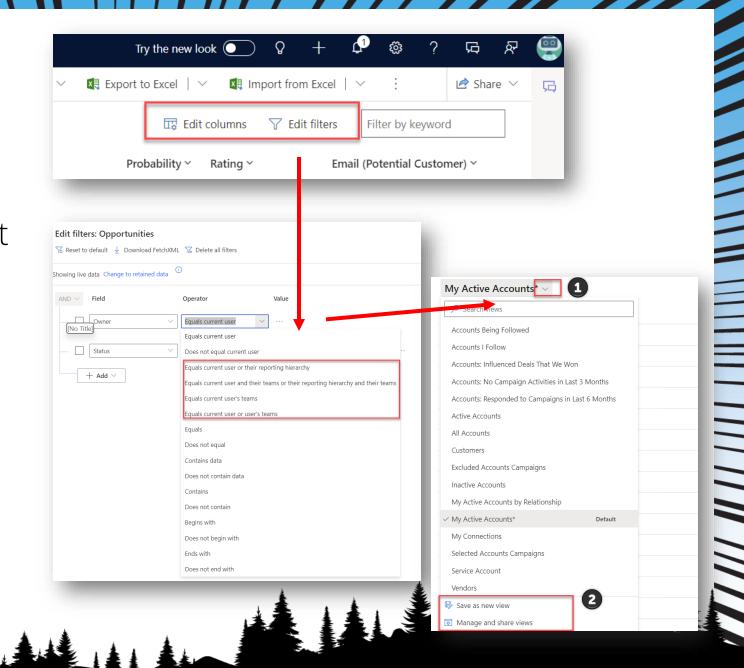


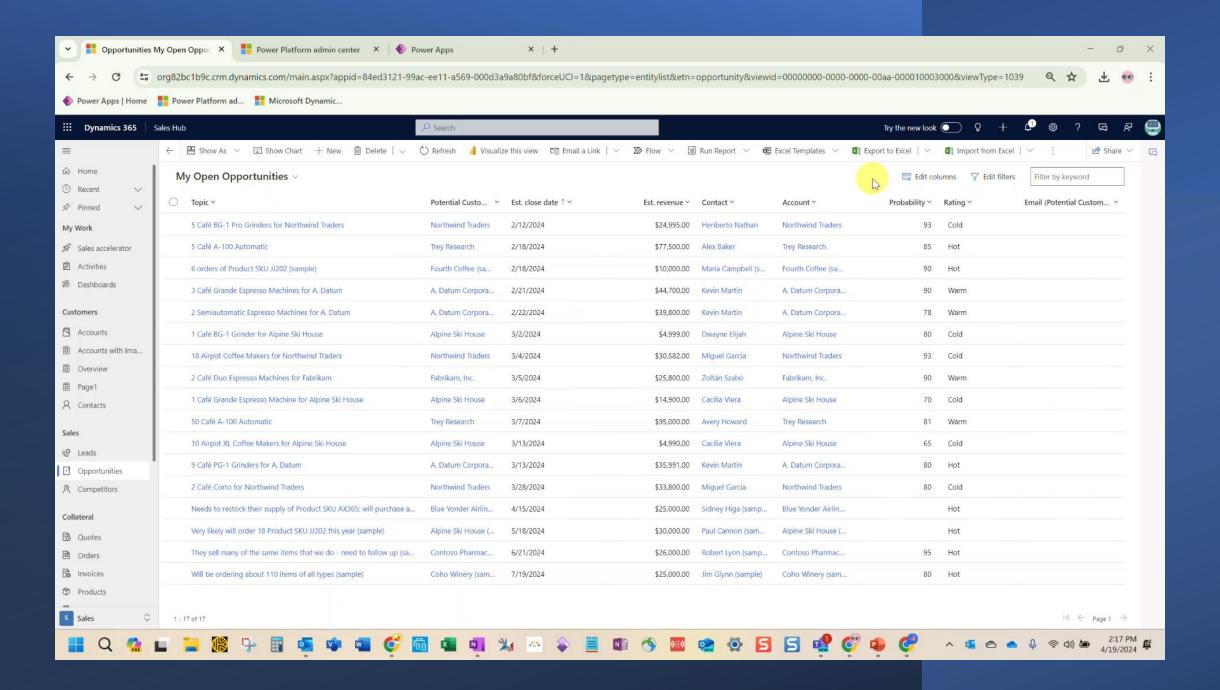
# Out of the Box Views, Charts and Dashboards Personal Views, Charts and Dashboards System Views, Charts and Dashboards

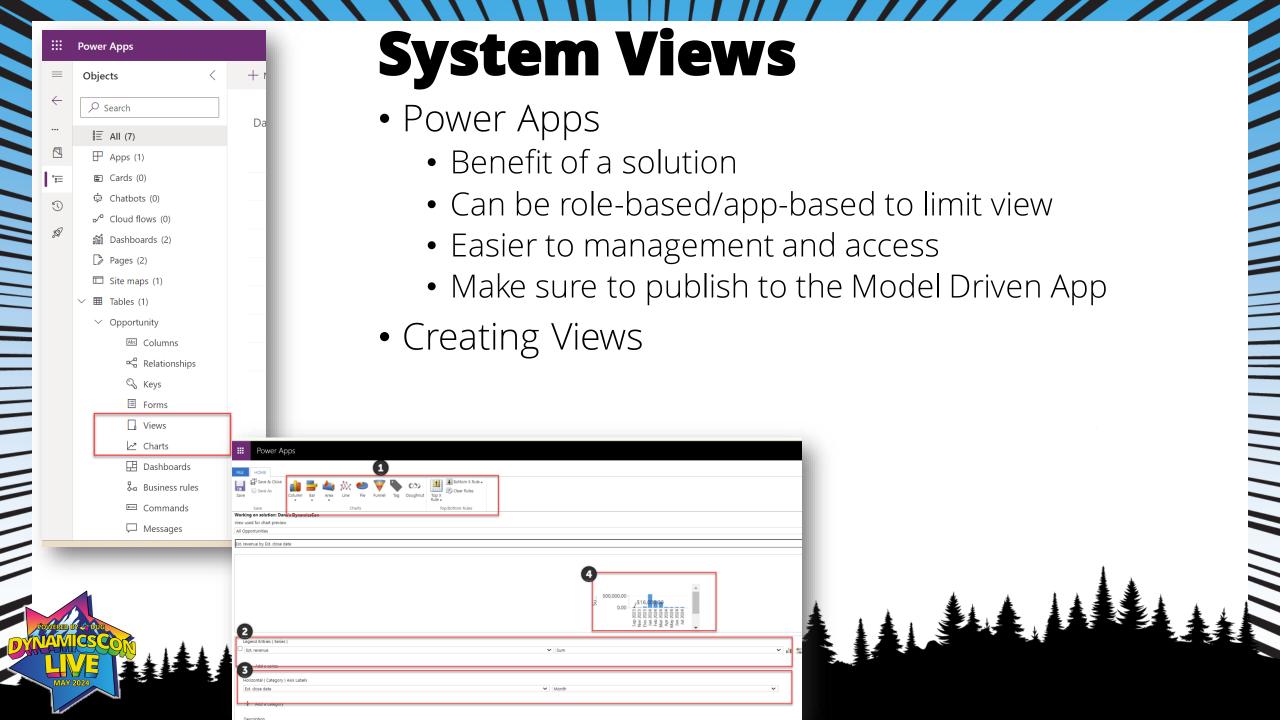
Personal Views, Charts and Dashboards		System Views, Charts and Dashboard	
Value Add	Detractors	Value Add	Detractors
Quick and easy – don't have to wait for someone else	People leave the company – requires tool to access and update *set up ownership to a Master or admin account	Teams working with different data across the Org/dataverse - customize to roles/access by roles and apps	Permissions can lock some dashboard views/graphs
Excellent repetitive search technique	Limitations based on 1: N and N:N relationships and knowledge transfer/training *Build multiple views to meet the "Or" statement	Sharing with large groups is automatic - Allows low to mid end users to be up and running with minimal time *training on personal creation can come later	Requires admin to create and manage *Share with the admin so they can create an exact match
Sharable/customizable	Variations of data/reporting based on skill – access is manual and time-consuming – Dashboard is a sum of parts *Manually add users to all parts	Ready for all users to access with the same information and availability	Not everyone will be happy

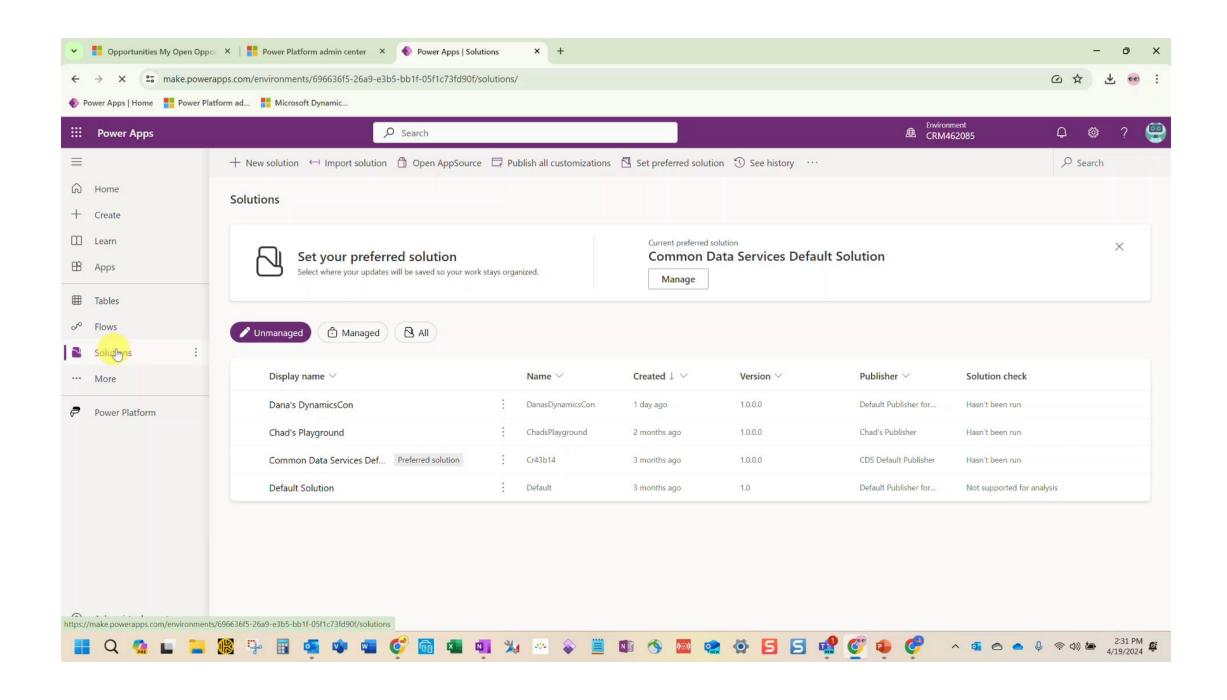
## **Personal Views**

- Creating Personal Views
  - Give Users Freedom to adapt the system to their needs quickly and with no coding
  - Require sharing- (create a team)
  - Editing Filters
    - Limitation having multiple tables in "Or" statements
  - Editing Columns
    - Limitation 1:N and N:N Relationships



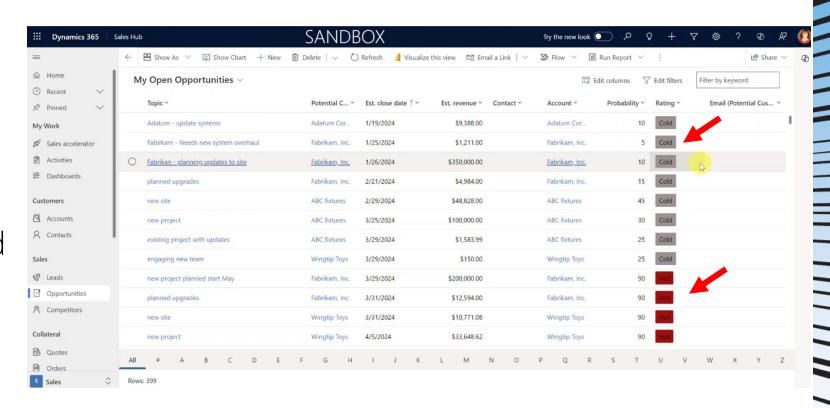




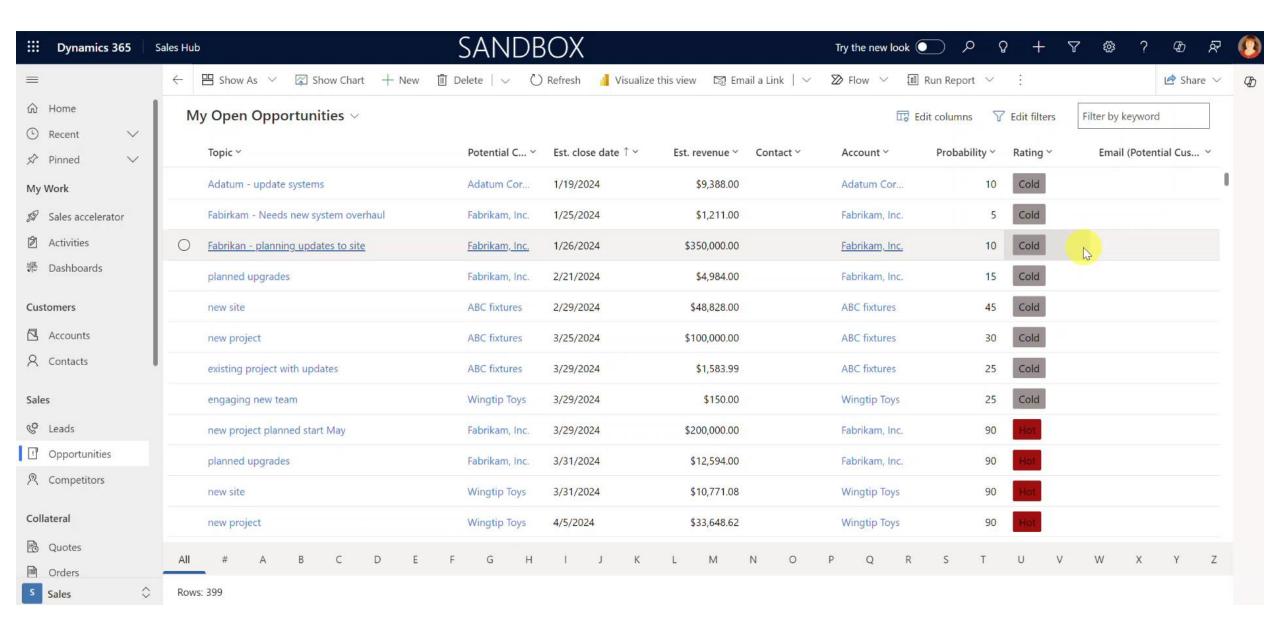


## **Spicy View**

- Taking your views to another level
  - Provides users with better visibility
  - Ensures important data is not overlooked
  - User Adoption practices

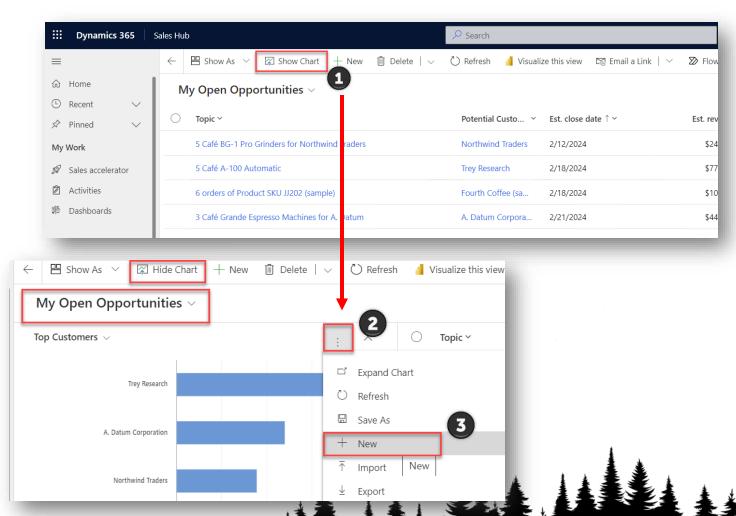


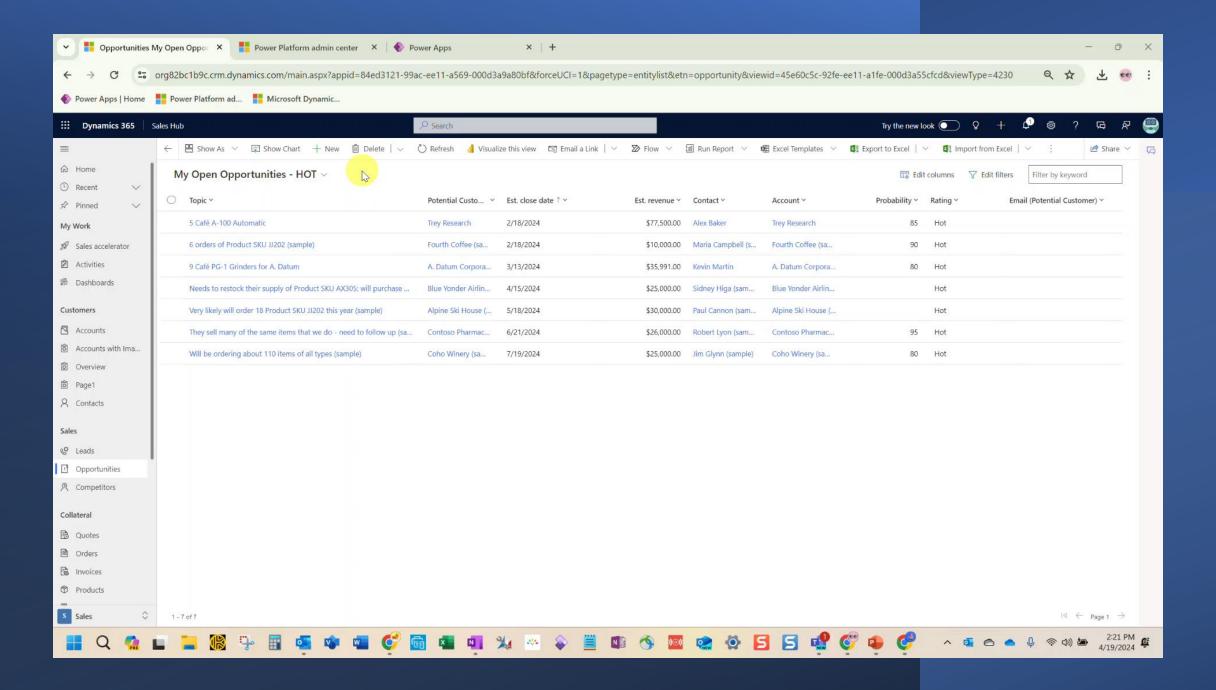




### **Personal Charts**

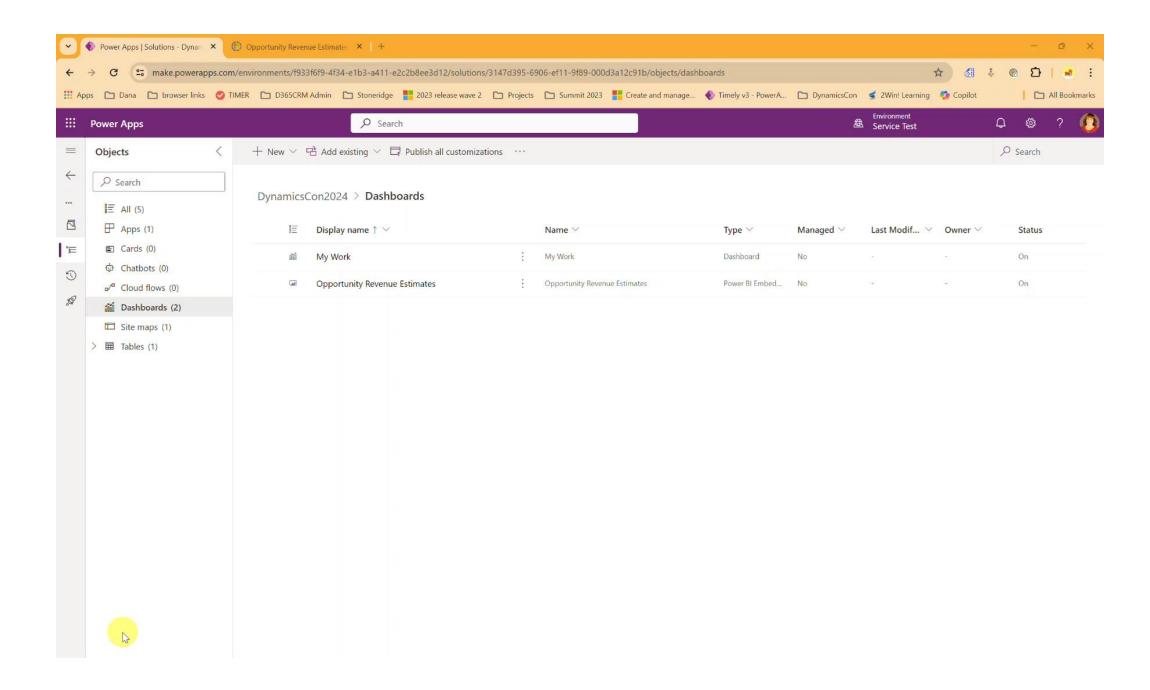
- Creating Personal Charts
  - Role Based Access
  - Freedom
  - Creativity & Sharing
  - Process time and ROI





## **System Charts**

- Can be based on personal views or system views
- Defined for users that don't want to customize
- Focused data
- Admin needed



## **Spicy Charts**

- XRMToolBox Chart Editor
  - Limitations of the OOB Chart Editor in Power Platform/Dynamics CE
  - Advanced Chart Editor Ability to modify color, font, and other key features of charts



#### Advanced Chart Editor

1.2021.607.3

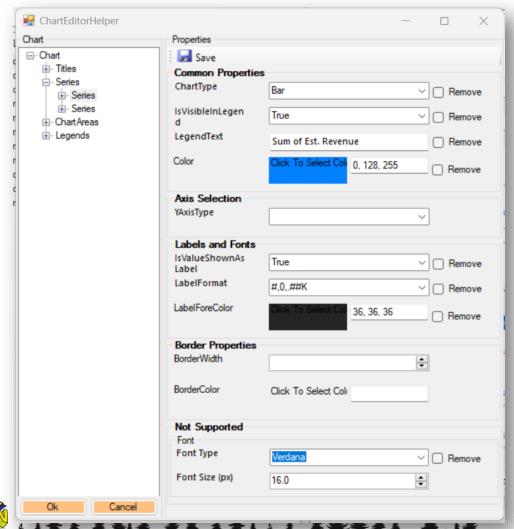
Author(s): Mohamed Rasheed (ITLec) and Ulrik "CRM Chart Guy" Carlsson

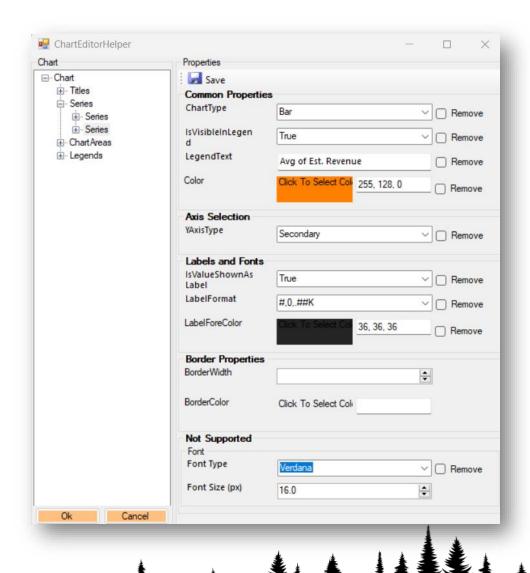
Here you can edit the chart, and customize all its attributes.

#### • Before



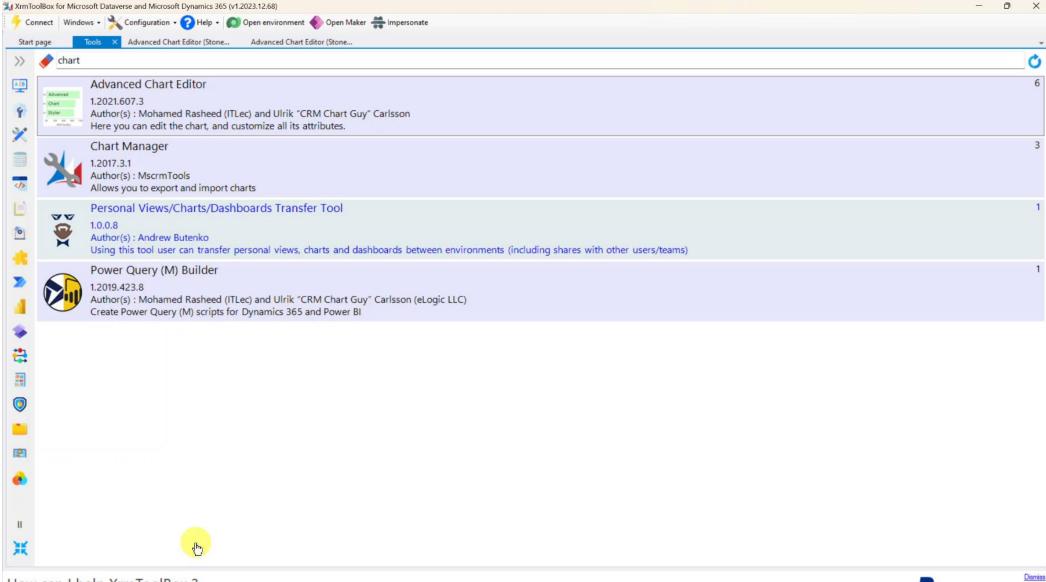
## **Series Settings**





#### After



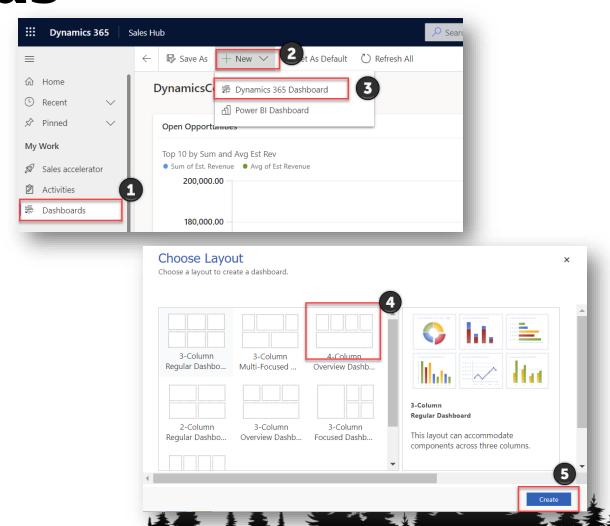


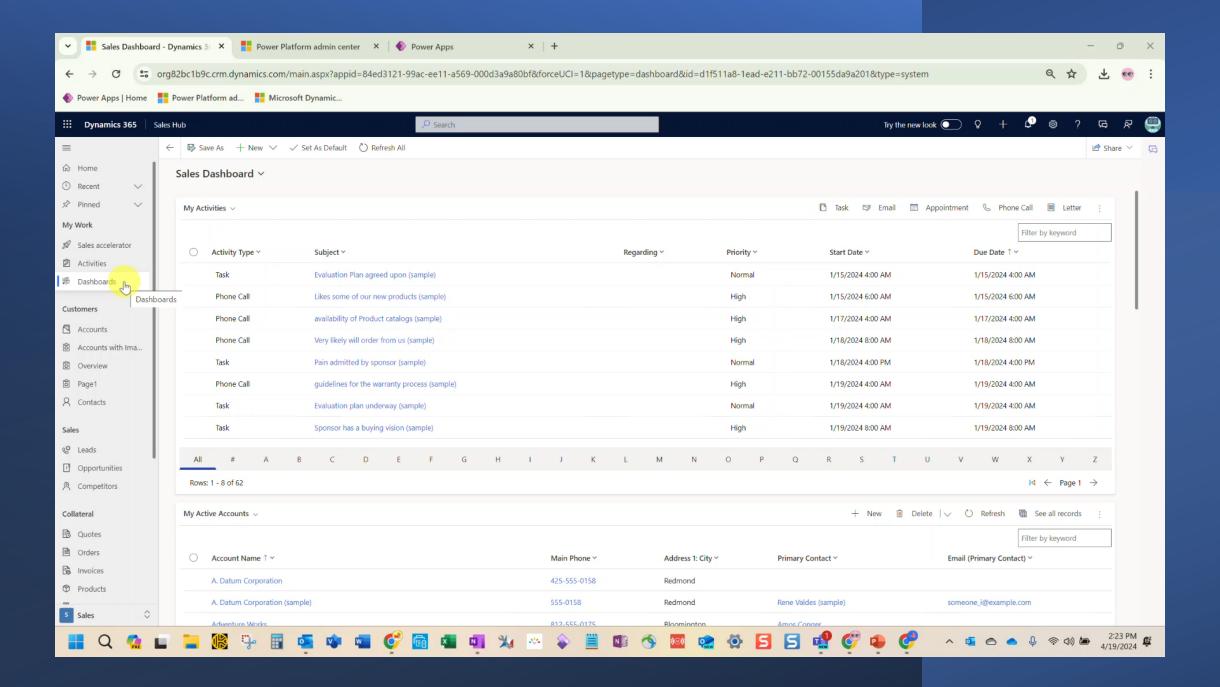
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## **Personal Dashboards**

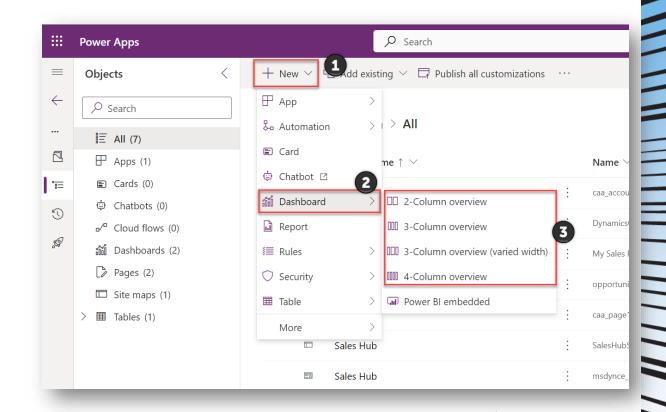
- Creating Personal Dashboards
  - Sharable \*can be a detractor
  - Can Embed existing PBI Dashboards (pre-existing and accessible)
  - Can be moved with XRMToolBox to other environments – but if widespread sharing best to be a system dashboard
    - Heavy maintenance: share the view, then the chart, then the dashboard

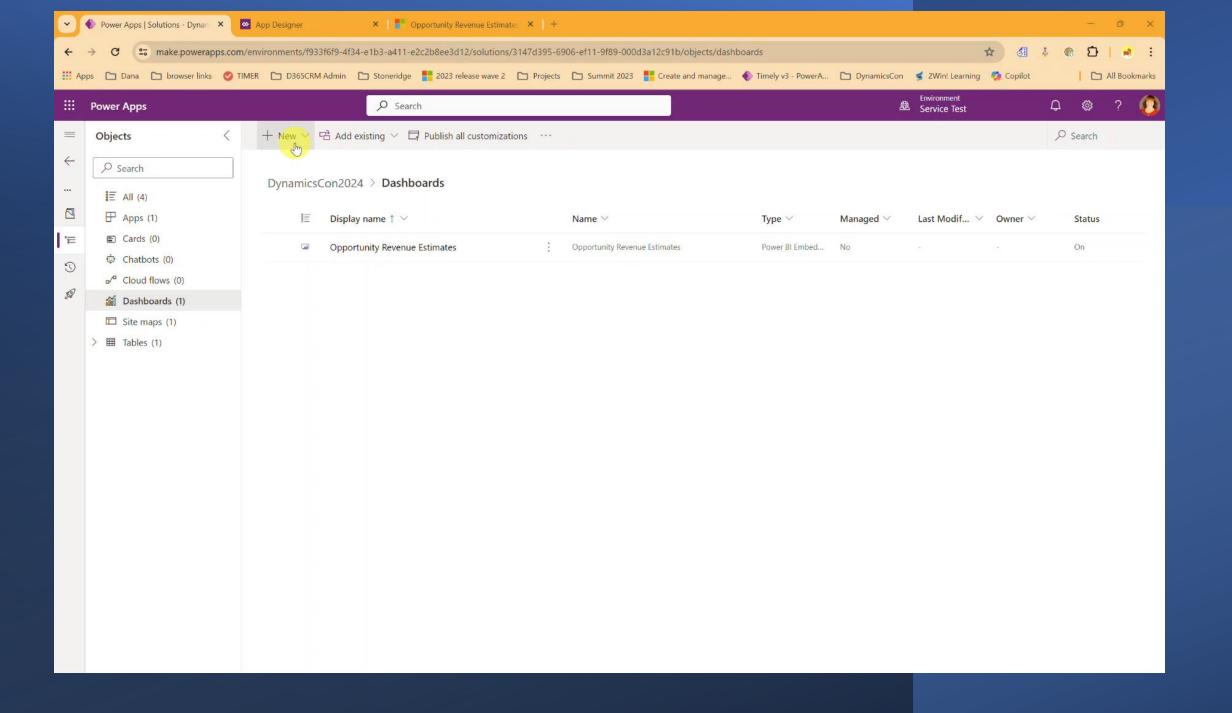




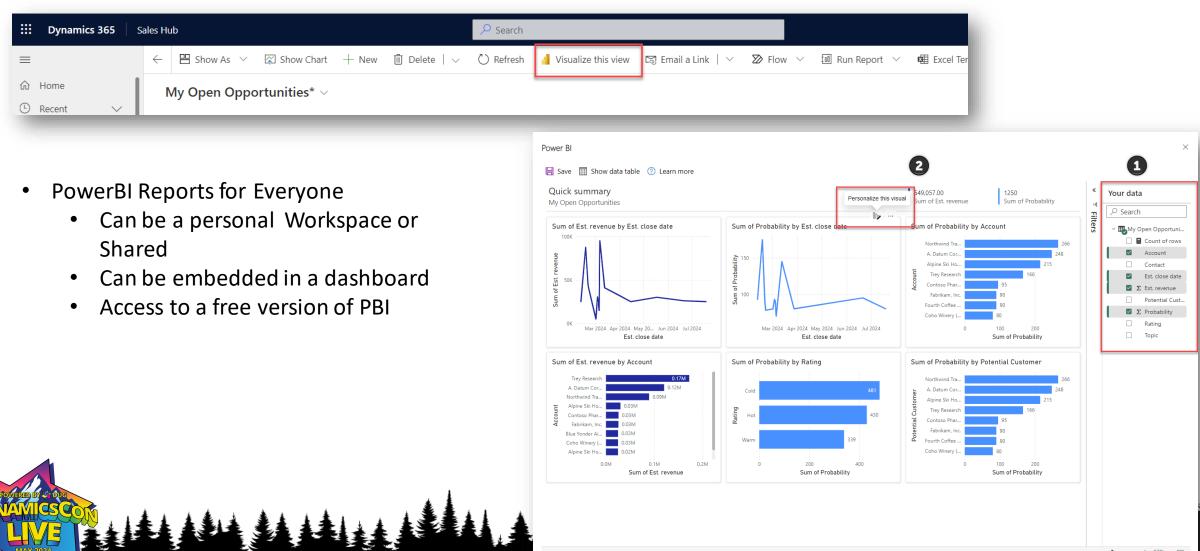
## **System Dashboards**

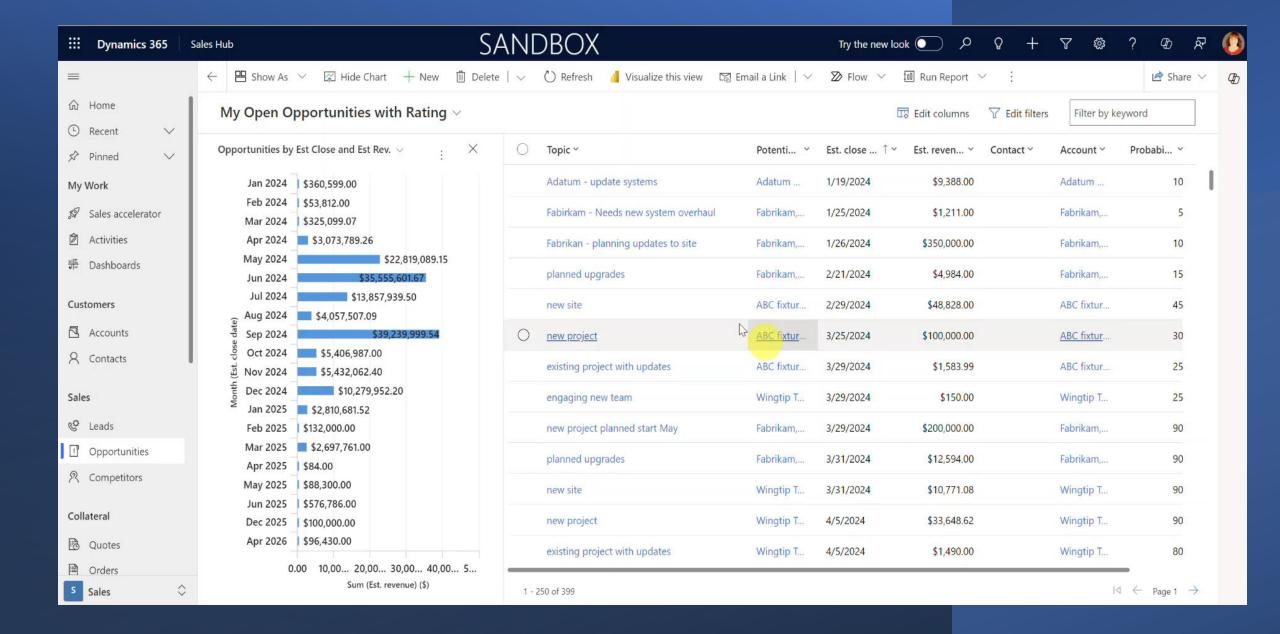
- Create Views and Charts First
- Standard OOB versus PowerBl Enbedded
- Optional Site Map additions





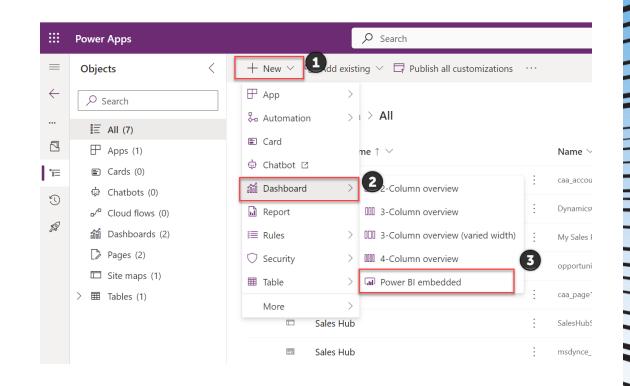
## **Spicy Dashboards**



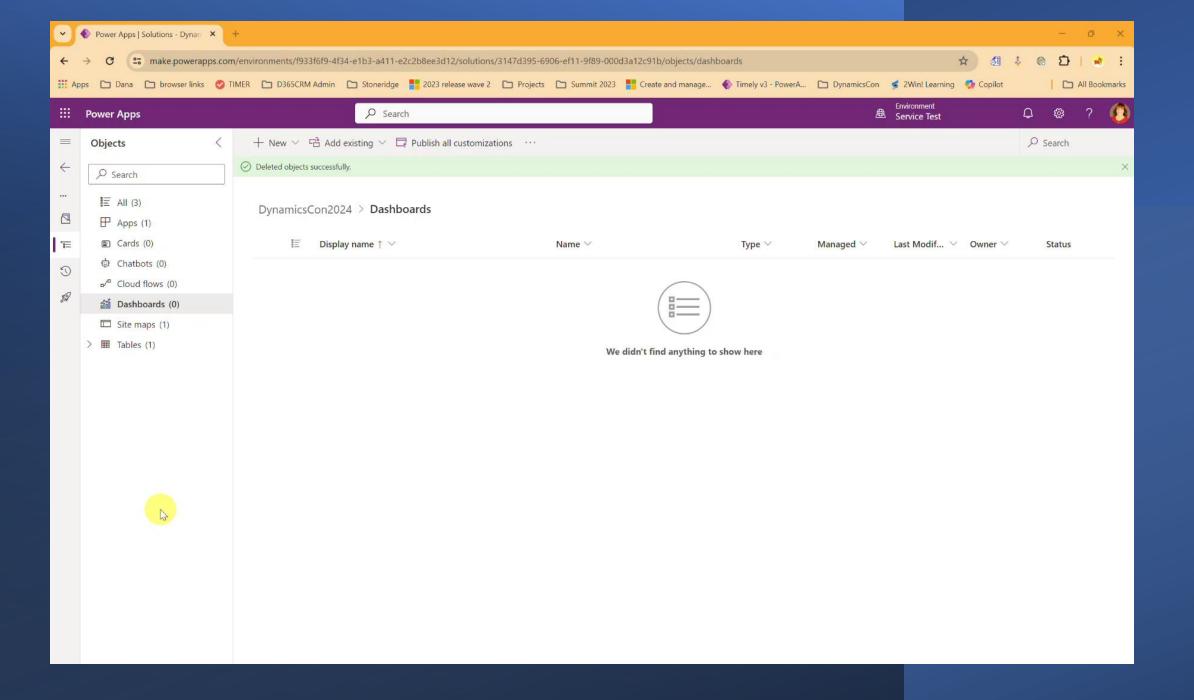


## **Spicier Dashboards**

- Embedded PowerBI Reports
  - Can be created from personal dashboards with setup
  - Create a One Stop Shop
  - Allows access to data without needing a license to the system where that data resides
  - Reports can be added to the Site Map for quick access







# The Case for SQL Server Reporting Services (SSRS) Reports

#### Value Add

- Emailable can be sent to customers
- Embedded images, logos, colors
- for a personal or company specific look
- Uses:
  - Invoices, Sales Order forms, Acknowledgements, report automation, field service checklists

#### Detractor

- Not OOB Requires code
- Not able to embed in D365 dashboards
- Accessible in D365 only with custom code and buttons (can add links in reports table)

# Finding Value in Reporting Methods

#### D365 Dashboards

- Personal/Org use
- Quick visual of basic data
- Focused daily use
- Some customization with XRMToolBox goes a long way

#### PBI Embedded Dashboards

- Combined data sources
- Access to data without a license
- Incredible visualizations

#### SSRS

- Customized branding
- Emailing
- Custom images



## Summary

- Personal Views, Charts and Dashboards
- System Views, Charts and Dashboards
- Spicy options for enhancing Views, charts and Dashboards using Tools and a little elbow grease







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