



# Securely Sharing and Integrating Government Service Data Between Tribal Departments



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# Securely Sharing and Integrating Government Service Data Between Tribal Departments



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# A note about questions...

Please scan the QR on the side to access the form to submit your questions.

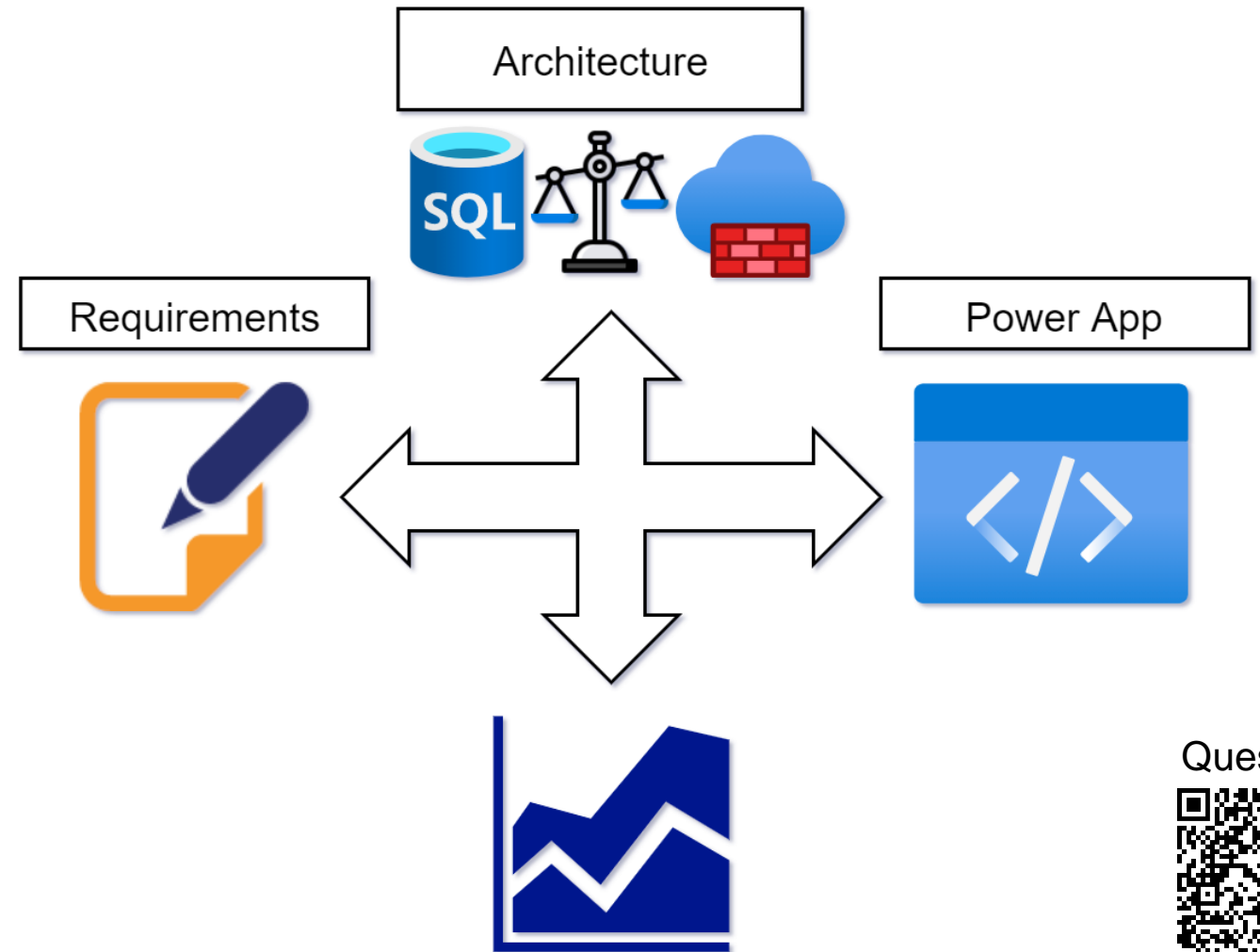
At the end of the presentation, we'll review and address submissions.

## Questions?





The Power Platform allows us to connect our programs to the network of data available across all departments



Questions?





# Power Platform Drives Critical Areas at CNO

- Projects chosen for the need to securely share data with many stakeholders
- Rapid response to pandemic
  - Food Security (CARES and ARPA funded strategic initiatives)
  - HR COVID Case Management & Reporting
- Strategic programs
  - Community Health Initiative
  - Cultural Center Visitor Log
  - Youth Advisory Board Program system of record

Questions?



# Food Security



\$ Over **\$56.6 Million** dollars  
in assistance since July 2020

More than **45K**  
members assisted



**16** months of assistance provided  
to date – **38** months total scheduled

# Testimonials



"PowerApps and Power BI Reports enabled the Choctaw Cultural Center to be open."

- ***Cheyhoma Dugger***

*Director of Development & Membership,  
Choctaw Cultural Center*

"The data collection process and tracking with a standard Excel spreadsheet was massive! ... After implementation, [the team] was instrumental in training all staff and is still currently readily available when an issue arises. We are extremely excited to start running our first reports"

- ***Angela Dancer***

*Senior Director,  
Home Visitation Services*

# Testimonials



"The Youth Advisory Board PowerApps and database has enabled our program to efficiently track our students' personal information and attendance for service hours, meetings, and trainings. ...we are able to use our mobile devices to access student data and track attendance while we are working out in the field on projects and events with students

- ***Greg Parnell***  
*Program Manager,  
Youth Empowerment*





# Cost Effective

- **Large project – HR COVID Cost – Total = \$57,350**
  - Platform Licenses
    - Power Apps = \$6,000/yr(50 users \* \$10 \* 12mos)
    - Power BI = \$ 3,600/yr (30 users \* \$10 \* 12mos)
    - Development / Engineering hrs = 477.5hrs @ \$100/hr = \$47,750
  - Timeline (Idea to Go live) - 8 wks, product sustainment 44 wks
- **Typical project – Food Security Cost – Total = \$16,160**
  - Licenses (5 Power Apps / 3 Power BI) = \$960
  - Development / Engineering = 152hrs @ \$100/hr = \$15,200
  - Timeline – 4 wks

Questions?





# How We Use Power Platform

- Simple Internal Tools
- Prototype/ Bridge to Future Solution
- Primary Solution

Questions?





# Internal Tools

- Examples: IT Costs Estimation, Presentation Questions
- Helps to solve simple problems where the scope is narrow, and much is known about the problem set.
- We can get a product into production in a matter of days.  
(Once you know what you're doing)

Questions?





# Prototype or Bridge to Future Solution

- Examples:
  - Food Security
  - Cultural Center Visitor Log
  - Youth Advisory Board Participation

Questions?





# Prototype or Bridge to Future Solution

- The benefits of this approach are:
  - Smooths digital transformation
  - Fast feedback cycle helps to refine true business requirements for further development
  - Reduces risk/ provides mitigation

Questions?





# Primary Solution

- Examples:
  - Human Resources COVID Case Management
  - Community Health Home Visitation Needs Assessment

What does this solve?

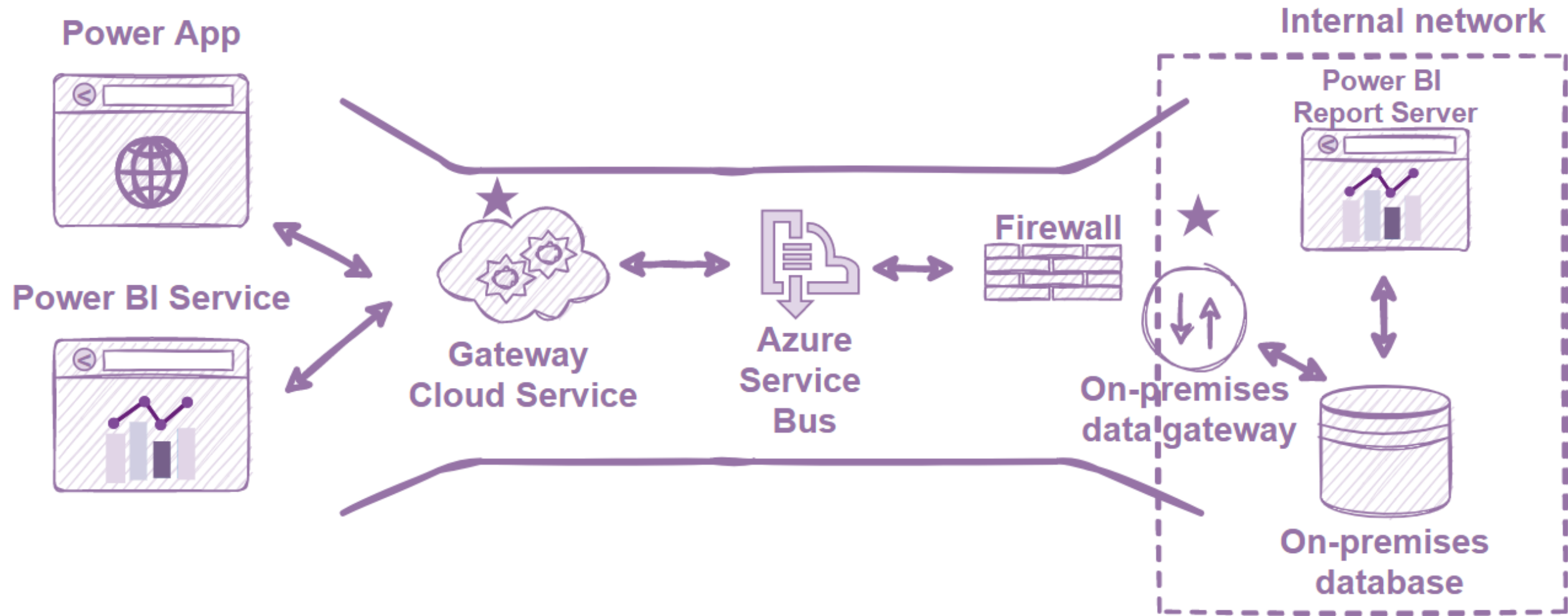
- Provide a solution for simple intake-based programs
- Mobile use requirement
- Offline data storage with later synchronization

Questions?



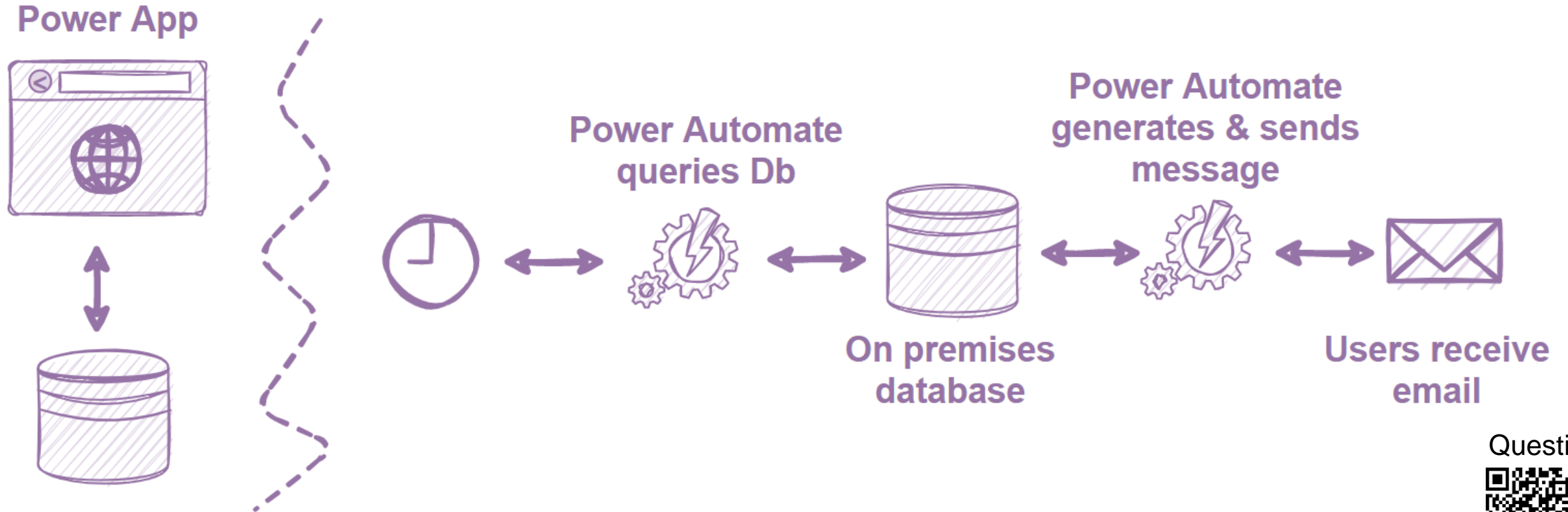


# Architecture Overview





# Sharing Data - Notifications & Alerts



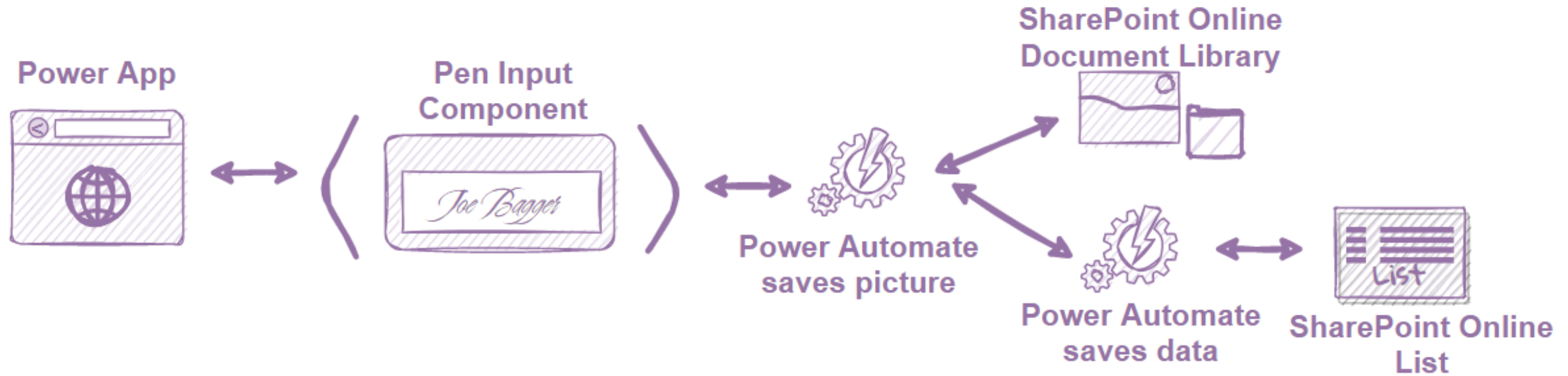
Questions?







# Sharing Data - Document Signatures

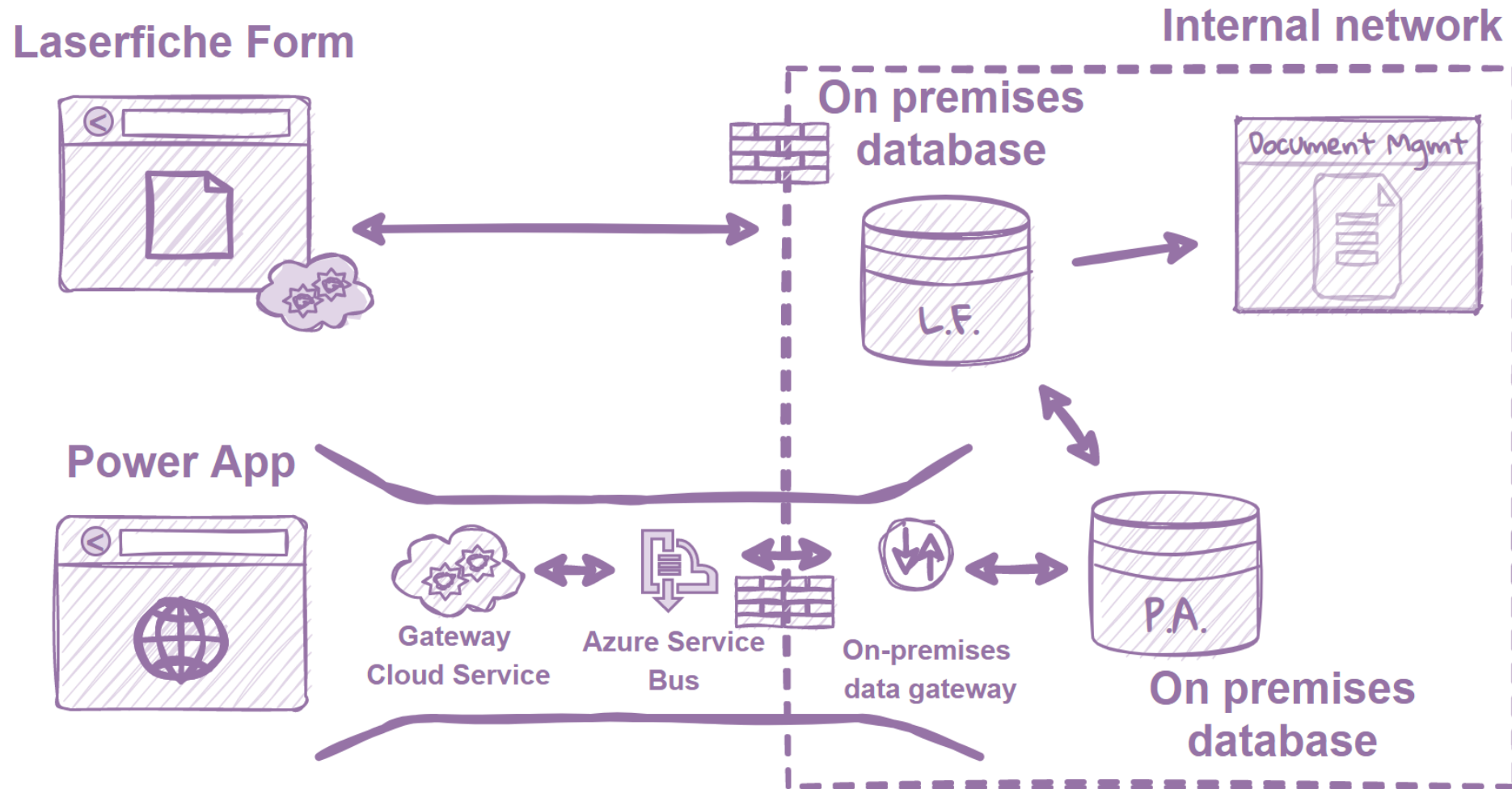


Questions?





# Sharing Data - Laserfiche Forms Input





Questions?





# Sharing Data - Laserfiche Forms Input

Home, Sign Up/Logout



## Child Safety Wristband

Preregistration for Labor Day, 2021 - Choctaw Nation of Oklahoma

The survey will take approximately 5 minutes to complete. All children, aged 12 and under, are encouraged to be registered and wear a wristband while attending the event. While preregistration is not mandatory, you are encouraged to preregister your children on this form in order to speed up the process at the Child Wristband Station. Wristbands may only be picked up from the Child Wristband Station at the Labor Day Festival. For more information call 1-800-522-6170 Ext 6031.

**How many children do you need wristbands for? \***

**Child 1**

<b>What is your child's FIRST name? *</b>	<b>What is your child's LAST name? *</b>
<input type="text"/>	<input type="text"/>
<b>What is your child's gender? *</b>	<b>What is your child's age? *</b>
<input type="text"/>	<input type="text"/>

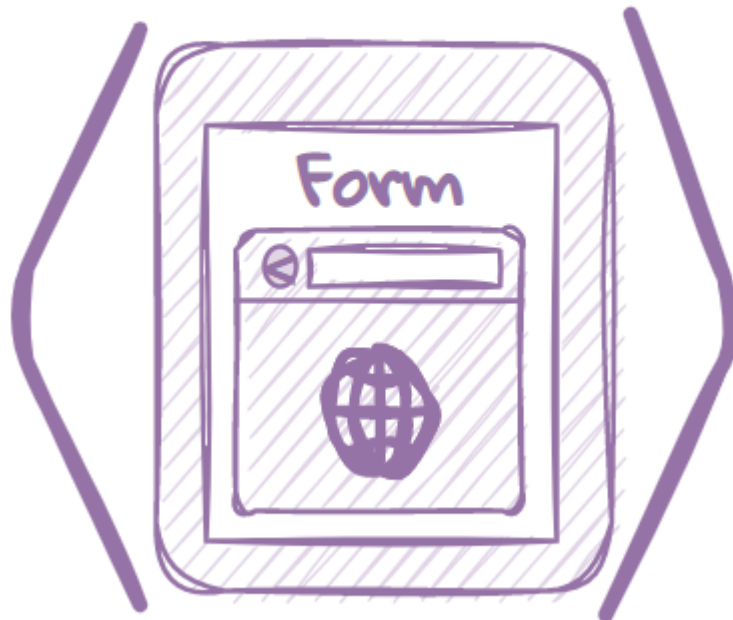
Questions?





# Serving Forms with Custom Component

Custom PowerApps  
Component



Power App



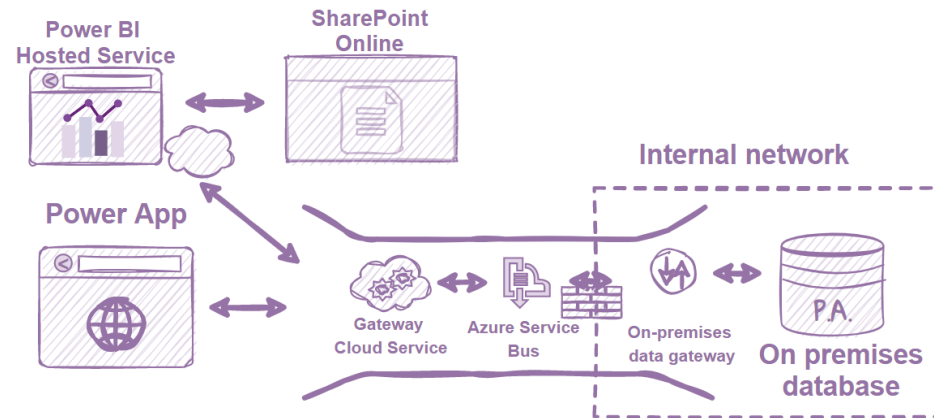
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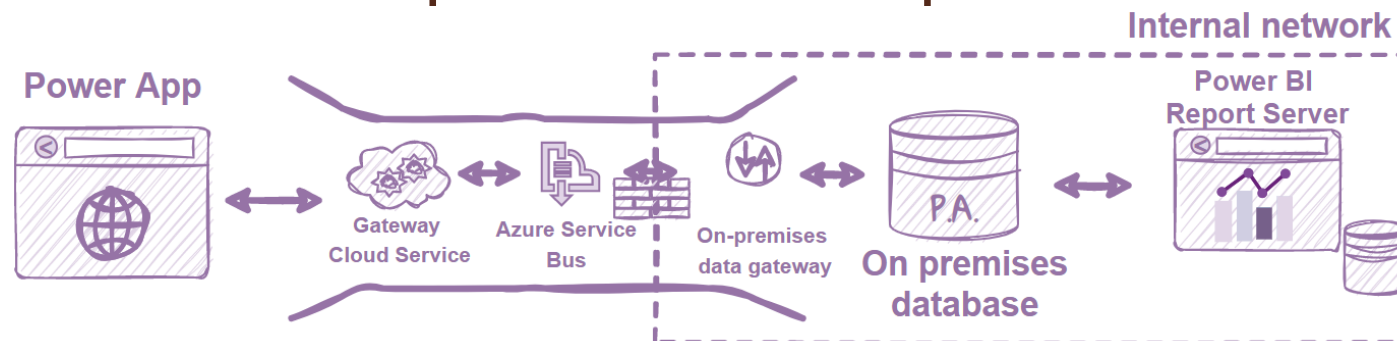


# Sharing Data - Reporting using PowerBI

- Power BI Hosted Service



- Power BI Report Server on premises

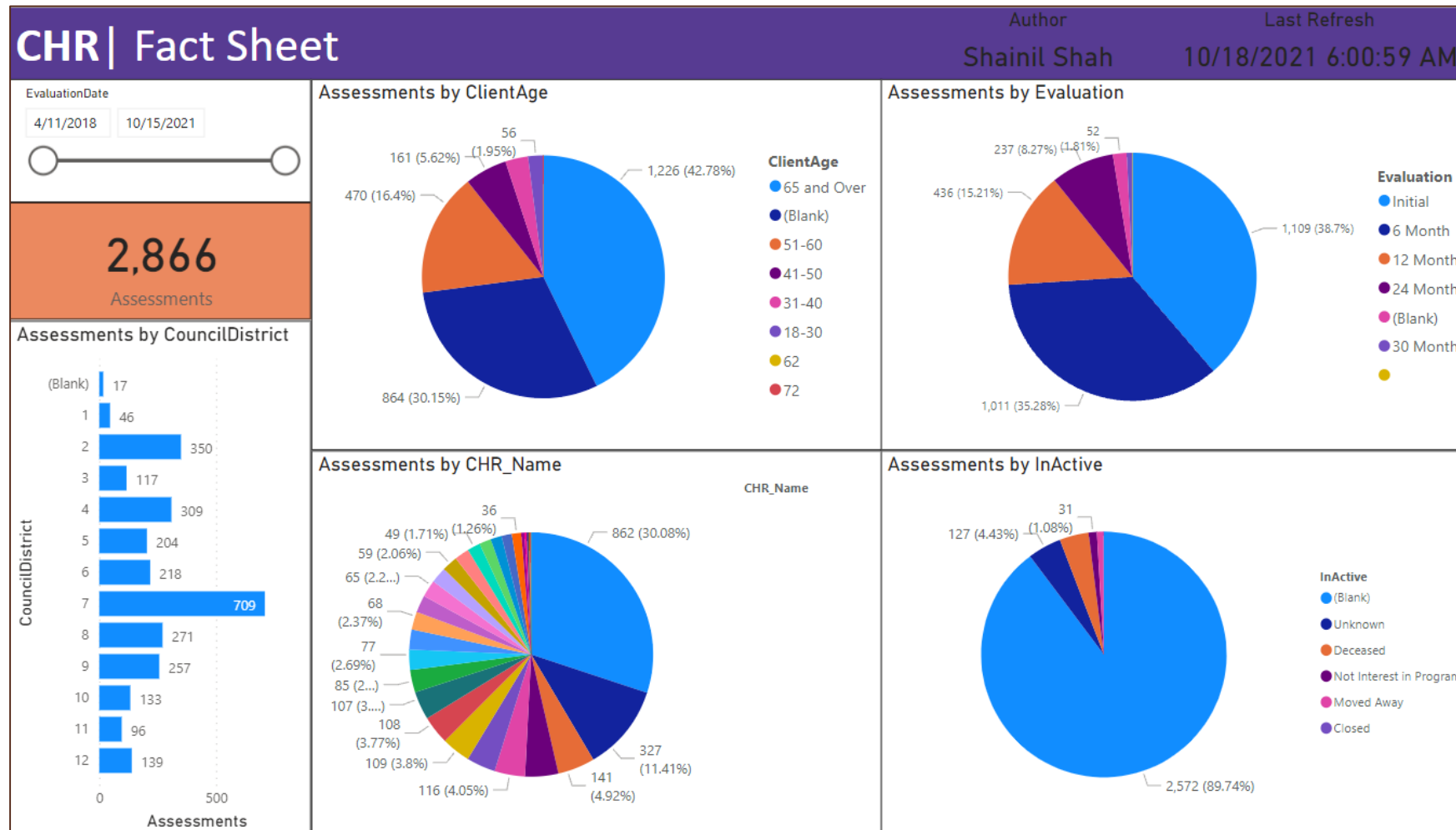


Questions?





# Sharing Data - Reporting using PowerBI



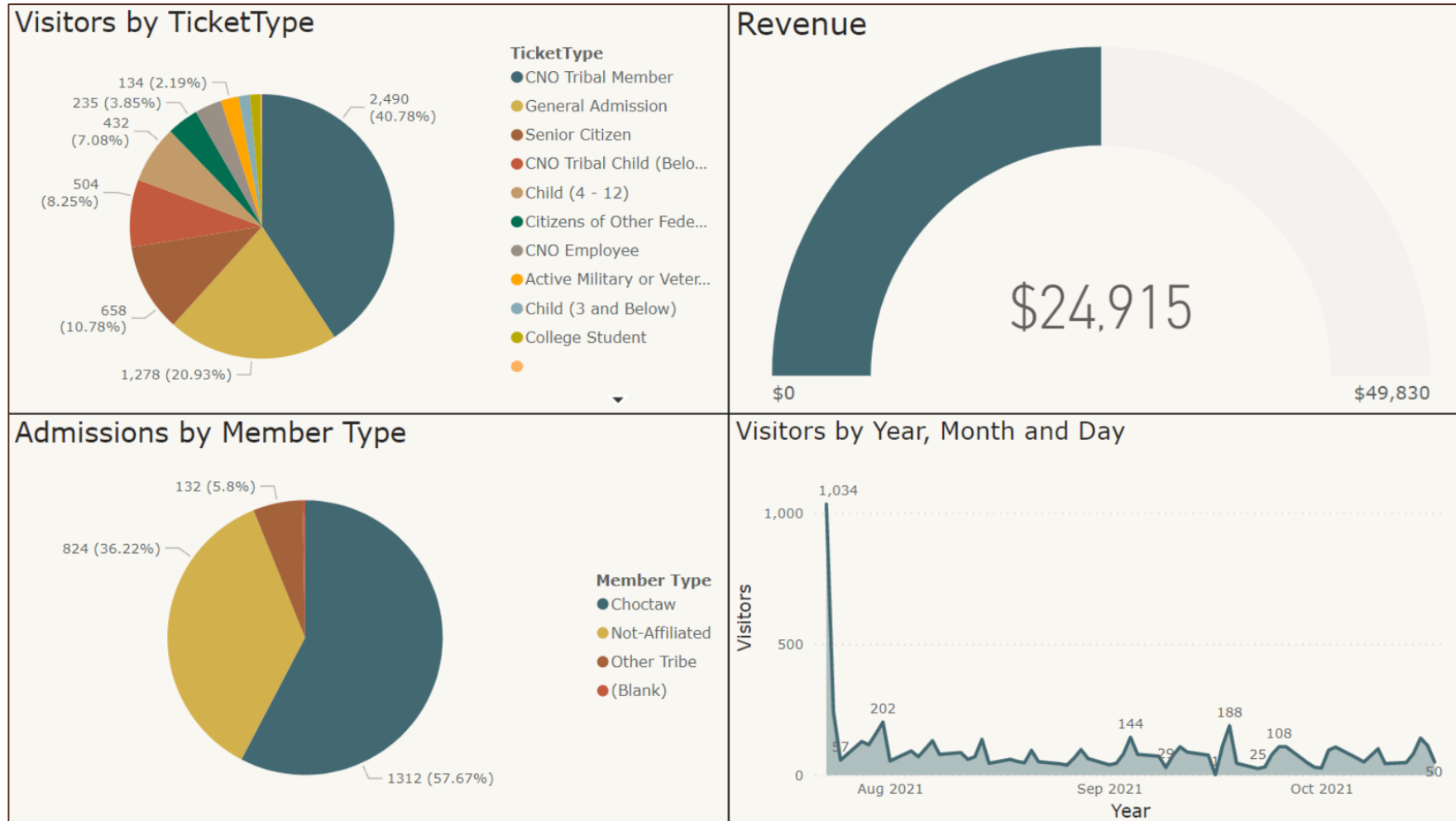
Questions?







# Sharing Data - Reporting using PowerBI



Questions?





# Power Platform Governance Considerations

- Connections
- Integrations
- Choosing the right administrators
- Licenses (Procurement & Asset Tracking)
- Environments
- “Center of Excellence” concept

Questions?







# Environments

- Research and Development
  - Default user environment
- “Production” Solutions
  - Request a dedicated environment for large scale apps
    - Request process should have a design review and data elements review
  - Email address per solution.

Questions?





# Getting Started

## Sample Application Ideas (SPO based data storage)

- Small inventory applications
- Approval workflows

Questions?





# Conclusion

- Provide a solution for simple intake-based programs
- Mobile workflow
- Democratized Code Development
- Leverage Power Platform to empower a Data Driven Approach

Questions?





# Further Resources

We compiled a short list of resources to help point you in the right direction.

## Resources

