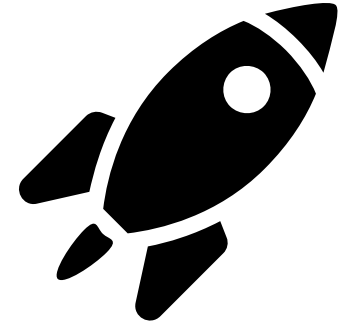


DAX



DAX Query View Testing Patterns

February 14th, 2025

About Me

Experience

- 11+ years with Microsoft BI stack
- 8+ years with PowerPivot/Power BI
- 5+ years with Azure DevOps

Credentials

- MCSE: Productivity
- MS: PBI Data Analyst
- PMP



Contact Me

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Slides:



Agenda

- Why Test?
- DAX Query View (DQV) Testing Patterns
 - PBIX-Pattern
 - PBIP-Pattern
 - CI-Pattern

Why Test?

- Find Errors Before Your Customers Do
- Never See The Same Error In Production Again
- Tests are your Safety Net

DataOps



DAX QUERY VIEW TESTING PATTERNS



PBIX-Pattern Prerequisites

1. Recent Release of Power BI Desktop

PBIX-Pattern

1. Standardize Schema and Naming Conventions
 - [name].[environment].tests
2. Build Tests
 1. Testing Calculations
 2. Testing Content
 3. Testing Schema

PBIP-Pattern

Prerequisites

1. Recent Release of Power BI Desktop
2. PBIP Format
3. Visual Studio Code
4. PowerShell Core

Continuous Integration Pattern



Continuous Integration (CI) Pattern

Prerequisites

1. Recent Release of Power BI Desktop
2. PBIP Format
3. Azure DevOps
4. XMLA/Service Principals
5. Premium-backed workspace
 - Will work with PPU

CI Pattern

