

Unlock Faster Power BI Performance Now!



What is Query Folding?

- Combines data transformations into one SQL-like query
- Prevents pulling raw data into Power BI
- Uses source system logic for faster processing
- Mimics how data was originally structured
- Reduces memory and processing load



Why Check for Folding?

- Speed up Power BI report refreshes
- Avoids unnecessary data downloads
- Lowers server strain and costs
- Ensures smooth user experience
- Catches errors early in data pipelines



How to Check Folding Status

- Use Power BI's Query Diagnostics tool
- Look for "folded" status in data view
- Test with small datasets first
- Compare performance before/after
- Monitor during refreshes for delays



Design Steps for Folding

- Build queries in Power Query Editor
- Avoid manual overrides in M-code
- Match transformations to source database
- Keep flattening columns simple
- Test with source data recall



Use Built-In Features

- Leverage Power BI's auto-folding rules
- Use native transformations like split columns
- Avoid complex custom functions
- Maintain consistent data types
- Sync schemas regularly



Maintain Folding Long-Term

- Update queries when source data changes
- Avoid over-complicating steps
- Document folding logic for teams
- Recheck after schema updates
- Clean up unused data steps



Tools to Aid Folding

- Power BI's Data Lineage feature
- Query Diagnostics for foldability
- Performance analyzer reports
- SQL query logs from source
- Third-party profiling tools



Final Tips for Success

- Start small, scale gradually
- Prioritize source system optimization
- Monitor refresh times weekly
- Train teams on best practices
- Stay updated with Power BI changes



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