

Self Service BI

Identify your challenges, overcome and implement



Introductions

- Thomas Woods
 - CA
 - Business journey into data
- Finance
- Projects
- Supply Chain – Procurement
- Financial Services
- Yet the love of data shone through



Kubernetes on Azure

> Overview

✓ Quickstarts

Kubernetes on Azure

> Tutorials



Responsibilities

- Business side – deriving value
- Enterprise reporting
- Master data governance
- External data analytics



Data environment

Business

- Business side role
 - Clear requirements
 - Prototype
 - Technology agnostic
- Platform
 - Extensive data warehouse
 - Microstrategy
 - Excel
- SAP Implementation
 - Later this year...
 - SAC with Analysis for Office

IT

- Hardware
- Software
- Support
- Data definition and quality
- Workstream



What is self service bi?

- Business side

Self-service business intelligence (BI) is an approach to [data analytics](#) that enables business users to access and work with corporate data **even if they do not have a background** in [statistical analysis](#), [BI](#) or [data mining](#). Self-service BI tools allow users to filter, sort, analyze and visualize data without involving the organization's BI and IT teams.



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- TW

- IT Approach: tools and functionality; tools for the people to use
- Business Approach: how effectively do the people use the tools



Who is the customer?

Business

- Information consumer
- Basic user
 - Manipulate dashboards
 - Filter and analyse data dumps
- Power user
 - Build dashboards
 - Integrate data
- sudo
 - Super user do ...

Supported by IT

- Data dictionary
- Data quality
- Prioritization
- Performance
- Architecture
- IT Analysts



Work environment

Surplus

- Consumer 1 000+
 - Basic user 100+
 - Power user 40+
 - Sudo 3
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- Data warehouse
 - Attributes 200+
 - Metrics 1300+



Business challenges

What worked

- Mature IT environment
 - Good performance
 - Mature data dictionary
- Users
 - Recognised power users
 - Recognised better ways of working

We moved from too little to too much too fast!

What did not work

- Training
 - Self service worked well
 - Tool upgrades not adopted
 - Not used and ineffective rollout
 - Dashboards and excel plug ins
- Reports
 - Important consumers had “own reports”
 - Abundant reports (sudo subscriptions)
 - IT report pipeline – 6 months



Rebuild v2

What we want to do

- Reporting
 - Template ways of working
 - Controlled enterprise distribution
- Analytics
 - Canned analysis
 - User / owner stakeholders
- Governance
 - Strong on data warehouse
 - Fast on consumption

Principles

- Unconstrained / surplus data
- Self service vs data science
- Limited dashboards (stories)
 - Summary for information
 - Template analysis for roles / tasks
 - New for initiatives



Trend forecasting

- Convergence
- Complexity
- Convenience
- C....
- Community

