DataCon 2018

Addressing Data Governance Challenges in a Self-Service BI & Analytics Environment

Junior Muka

Data Architect / Data Management Educator

@juniormuka1

Disclaimer

The views, thoughts and opinions expressed in this presentation are the author's own and do not necessarily reflect those of his employer.

Promise of Self-Service BI (SSBI)

BUSINESS USERS

▶ **Empowered** to get **all data** necessary to make decisions, at the **speed** of Business

IT

▶ Able to eliminate **BI backlogs;**

▶ Focus on **more complex BI solutions** and on things they haven't been able to focus on

Governance Dilemma of SSBI

IT-LED (Traditional) BI

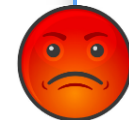🔴 Does not deliver fast enough
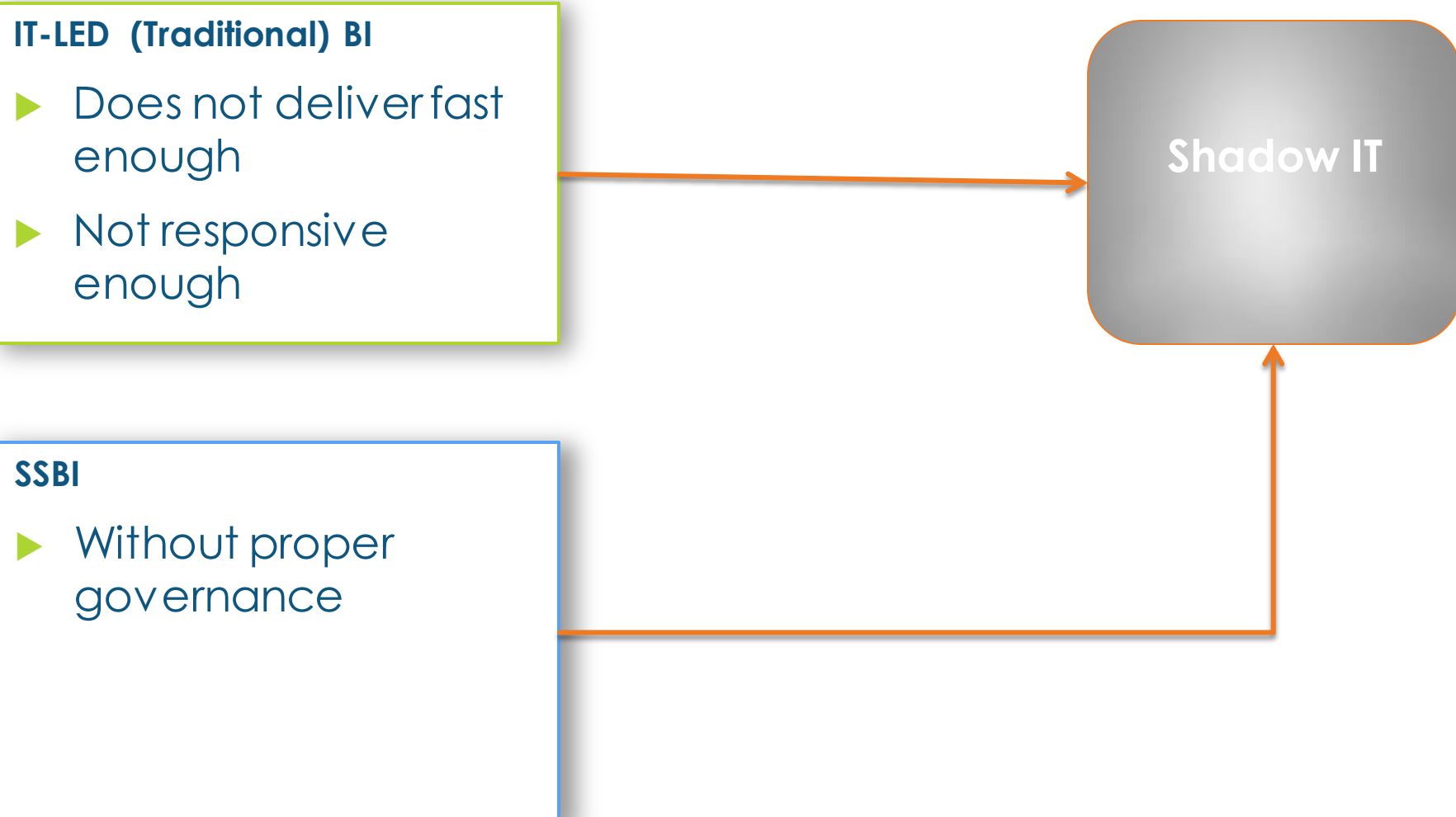
🔴 Not responsive enough

🟢 Much easier to govern

SSBI

🟢 Delivers faster

🟢 Responsive to changing business requirements

🔴 Very hard to govern

Governance Dilemma of SSBI

IT-LED (Traditional) BI

- Does not deliver fast enough

- Not responsive enough

SSBI

- Without proper governance

Shadow IT

Governance Dilemma of SSBI

SSBI applications can multiply like rabbits and proliferate "shadow IT" environments. Except now these shadow IT BI apps are not based on spreadsheets but on a new breed of SSBI tools. (Forrester, 2017)

Governance challenges in SSBI

Rapid adoption and growth

Vendor management

Basic roles and responsibilities

Accessing Data that is not available in Data Warehouse

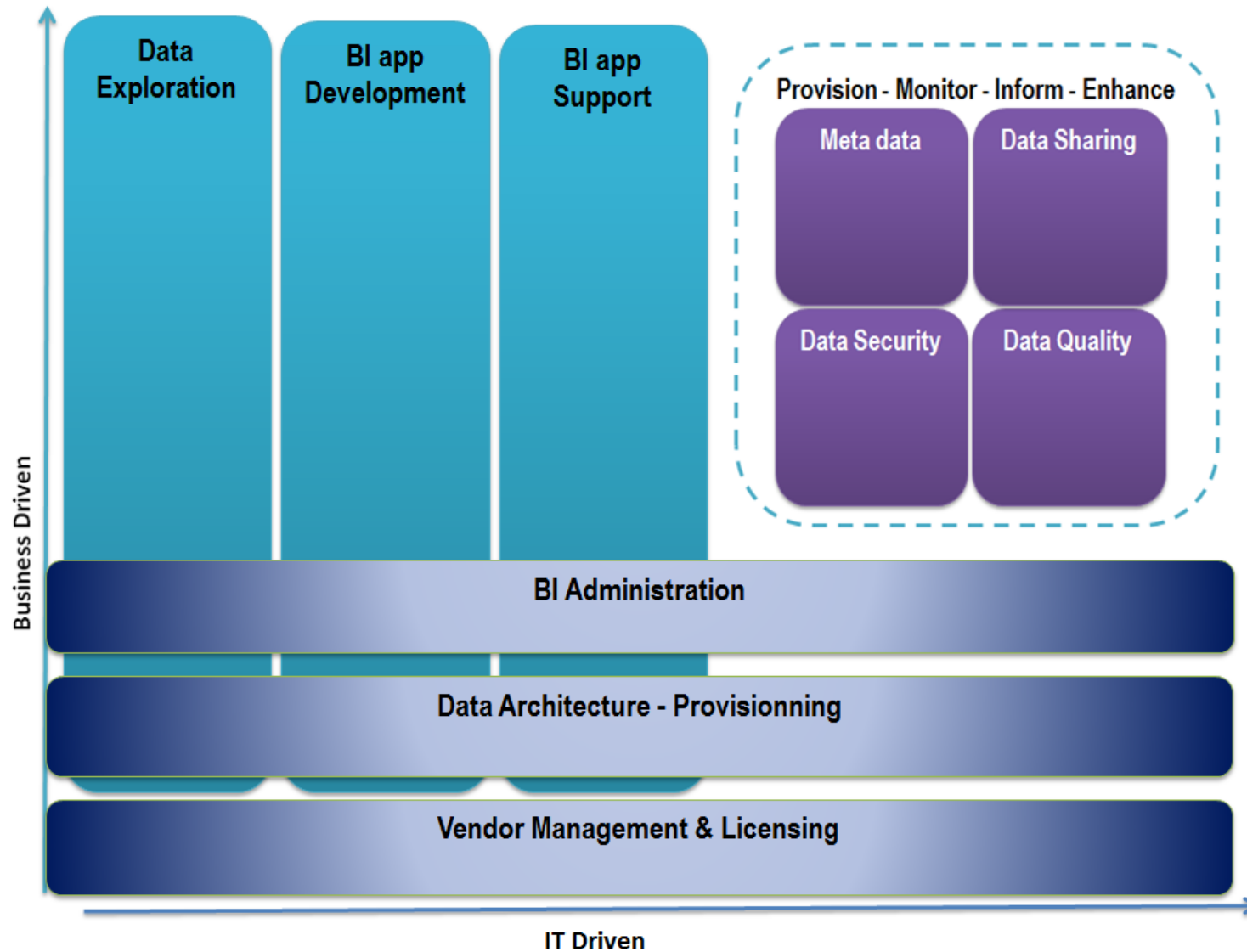Maintaining single version of Truth

@juniormuka1

Proposed solution

Balancing act between enabling SSBI and protecting business information, achieved through a governance model based on '**shared responsibility**'

Governance model for SSBI

@juniormuka1

Other lessons

SSBI is not always end-to-end SSBI - Not all Business Users want to go through the entire cycle

With SSBI, Business users don't need IT - Never a case of IT working themselves out of a job.

Questions