



Power BI Blueprint: A Framework for Mapping Business Needs

Ioana Bouariu

She/ Her/ They/ Them

Consultant

Amesto Insight



Ioana Bouariu

Consultant
Amesto Insight

 github.com/Jojobit

JojobitTweets

 Jojobit.bsky.social

 [/in/ioanabouariu](https://in.ioanabouariu)



She/ Her/ They/ Them

Data geek with a passion for AI, BI and everything data. Co-pilot in a crew of 5. Coding & automation enthusiast.

Power BI accidental admin and jack-of-all-trades at Insight, Amesto Solutions, a consulting company in Oslo, Norway.

Power Up: Unlock the Magic of Automation with PowerShell



You consider yourself a Power BI developer, but the thought of coding, PowerShell and cmdlets makes you freeze? You think that Power BI is a powerful tool, but feel like something is missing? Are you tired of spending hours manually publishing, updating and maintaining your Power BI reports? Want to add some fun and reduce errors, while you sit back and relax? I'll show you how to harness the power of PowerShell and take you out of your comfort zone. In this session, I will take you through the journey of how to use PowerShell scripts to automate common Power BI tasks, from report deployments to data refreshes, parameter changes and security management. I'll show you how to navigate the "danger zone" of coding in PowerShell and take your Power BI game to the next level, even for those who are new to it. With some real life business use-cases that I've come across, you'll see how automation can simplify your daily Power BI tasks. Plus, you'll learn how to use the Power BI API to programmatically access and manipulate data in Power BI, allowing for even greater automation possibilities. Let's Power up your Power BI, and add some magic to your Power BI journey with automation.

Goals: Attendees will leave the session with a solid understanding of how to automate Power BI with PowerShell, and will be equipped with the knowledge and tools to improve the efficiency and reliability of their own Power BI reports.

Prerequisites: This is a valuable session for data engineers, data analysts and Power BI users who want to learn more about automating Power BI with PowerShell.

Speakers



[Ioana Bouariu](#)

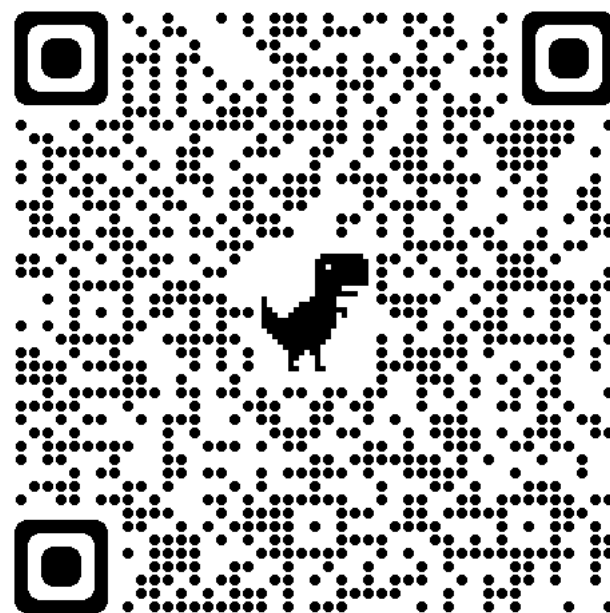
Managing Consultant,
Amesto Solutions



Add to Schedule



Friday, Nov 17 | 1:30 PM - 2:45 PM PST | 6B



Why a Power BI Blueprint?



And then...

**This isn't what we
wanted!**



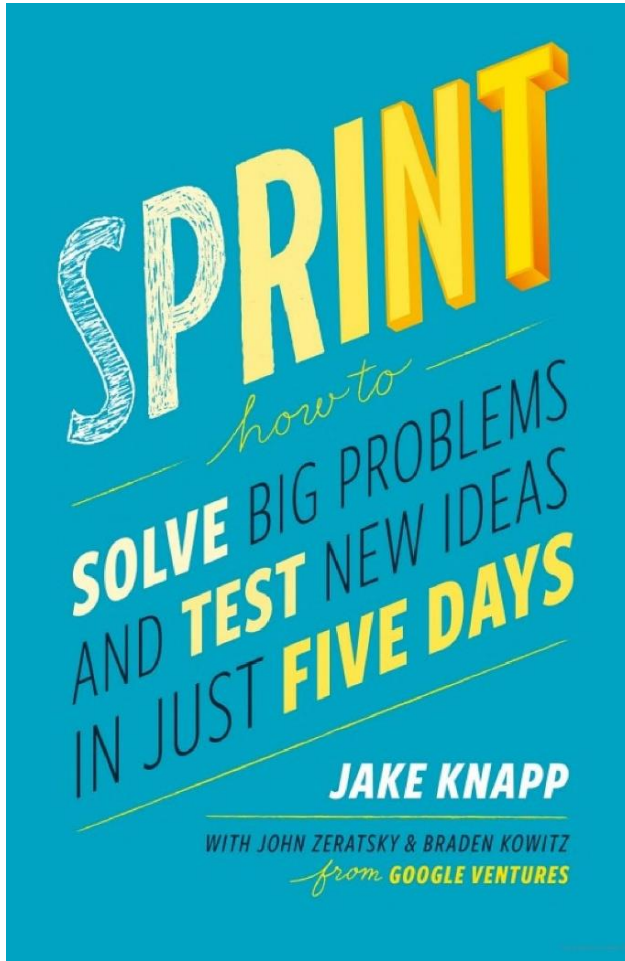
Value creation

Tools that further people's lives

What will we deliver? How do we create value for the people?

How do we work together with and engage the people?

Getting inspiration from others



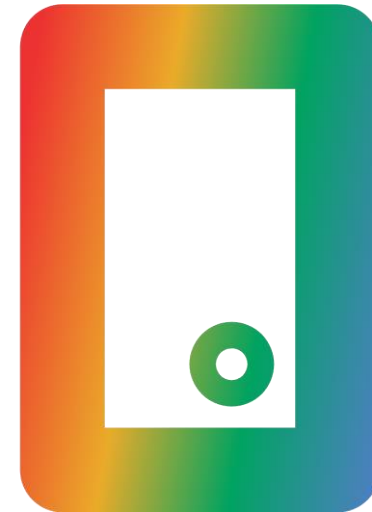
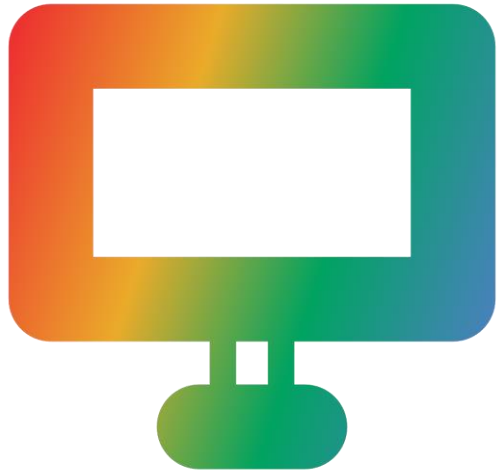
Before the workshop

- Send information about the workshop
- Pre-workshop questions to think about
- Meeting to see their current solution

It's all about the people

- 4-6 people
 - A good mix
 - The Decider/ Executive Sponsor
- The Facilitator (and a helper)

No phones, no screens, no interruptions



Set the scene

- Expectations – scope and not



The process



Vision



Challenges



Group and
Prioritize



Details and
Design



Vision

What is this project's long term goal?



Challenges

What do they struggle with every day?



Group and Prioritize



Details and Design

Details and Design

- **The Power BI Blueprint:** a template that quickly helps you understand what your users need from your Power BI solution

Power BI Blueprint: 5Ws (and How)



WHY & WHAT

- *What is the report's primary goal?*
- *Which business decisions and questions does the report address?*
- *Which key metrics or KPIs should the report highlight?*



WHEN

- *When will the users use the report?*
- *How frequently should it be updated?*
- *Need for historical data?*



HOW

- *How do users access and interact with the report?*
- *Any preferences for visualizations and interactions?*
- *Any alert mechanisms for specific thresholds or anomalies?*
- *Performance, scalability, and maintenance?*



WHO

- *Who are the primary users and departments for this report?*
- *What access levels and restrictions are in place?*
- *Who reviews, gives feedback and approves the report?*



WHERE

- *Where are the data sources located and how is access granted?*
- *How and where is the report distributed (e.g., internally, externally, embedded in applications)?*

Power BI Blueprint



WHY & WHAT



WHEN



HOW



WHO



WHERE



Details and Design

The million \$ question

Results

- ✓ Better understanding
- ✓ Less waste of time
- ✓ Better communication
- ✓ Ownership and better user adoption

Conclusion and last tips

- It's all about the people
- Set the scene
- **Vision** and **Challenges**
- **Group** and **Prioritize**
- **Details** and **Design**
- Due diligence. **Adjust.**

Value creation

Tools that further people's lives

BuildSomethingAwesome

Thank you

Reach out

github.com/Jojobit
[/in/ioanabouariu/](https://www.linkedin.com/in/ioanabouariu/)
[@JojobitTweets](https://twitter.com/JojobitTweets)
[@jojobit.bsky.social](https://bsky.app/profile/jojobit.bsky.social)



Q&A zone

What are your questions?

github.com/Jojobit
[/in/ioanabouariu/](https://www.linkedin.com/in/ioanabouariu/)
[@JojobitTweets](https://twitter.com/JojobitTweets)
[@jojobit.bsky.social](https://bsky.app/profile/jojobit.bsky.social)



Session evaluation

Your feedback is important to us



Evaluate this session at:

www.PASSDataCommunitySummit.com/evaluation

