

Microsoft Fabric | Power BI with DirectLake – Proof of Concept (POC) Overview

Target Audience: Organisations with an existing Azure Modern Data Platform who want to utilise their existing tech with the benefits of Microsoft Fabric



Value

- Query Optimisation: Performance on a par with import mode, with the real-time nature of DirectQuery and the data never leaves the lake.
- PoC Ready: Power BI reads data from OneLake, can query the Parquet Delta files directly and doesn't need to send SQL queries.
- Faster Visuals: Visual queries won't be translated to SQL queries against an SQL endpoint of the Lakehouse; they would run directly on Parquet Delta files stored in OneLake.
- Direct Data Loading: DirectLake is a fast-path to load the data from the lake straight into the Power BI engine, combining the advantages of both DirectQuery and import modes while avoiding their disadvantage.



How can Power BI & Microsoft Fabric help you

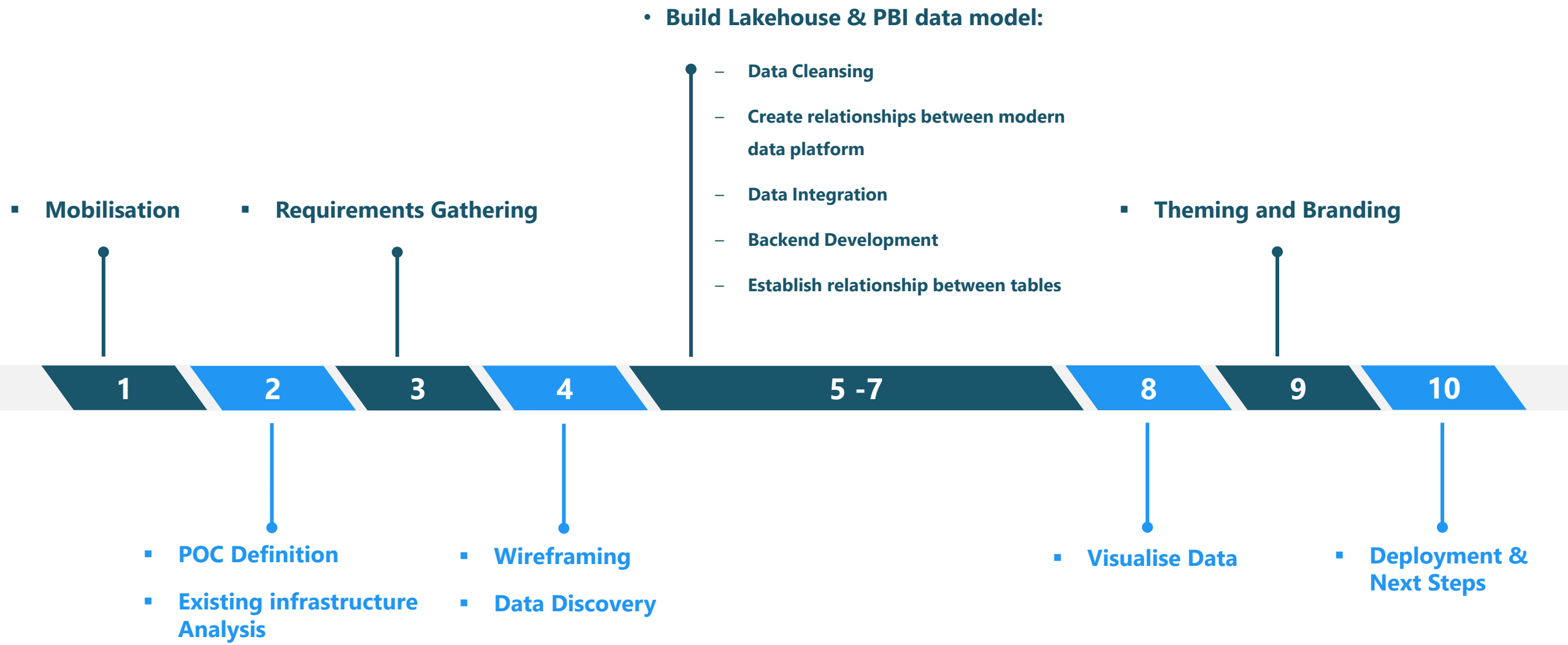
- Ease of access: Utilise the existing benefits of your platform in combination with Microsoft Fabric.
- Futureproof solution: Microsoft Fabric workloads run on the SaaS foundation that has supported Power BI for years, as that foundation grows and improves each workload will benefit from those improvements.



Requirements and Dependencies

- Who and what will be required to fulfil a POC
 - 1 Redkite Data engineer, 1 Redkite Business Intelligence Engineer
 - 1 dedicated client FTE to support across the timeline period via workshops and meetings
 - An existing Azure modern data platform, e.g., such as Azure Synapse Analytics or Azure Databricks
 - Dataset(s) which are relatively clean in nature with definitions
 - Desired outcomes of the POC discussed and agreed on

Microsoft Fabric | Power BI with DirectLake - Timeline in Days



Why Redkite?



#1. Track record of client success

Evidenced through outstanding client case-studies and references, e.g., Flutter, ITV, The Economist, Guardian
Driving Redkite's strong organic growth over the past five years.



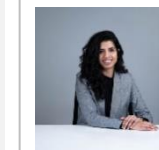
#2. Industry specialisation

Laser focused on Media (including Gaming, Publishing and Broadcast), Retail and Consumer Goods
Working with the leading global enterprises in each industry



#3. Credible experts in their field

Stellar team, bringing both business and technical acumen.
Proficiencies spanning from data strategy, governance and architecture to data engineering, science and literacy



Nishita D'Silva
Associate Director,
Media

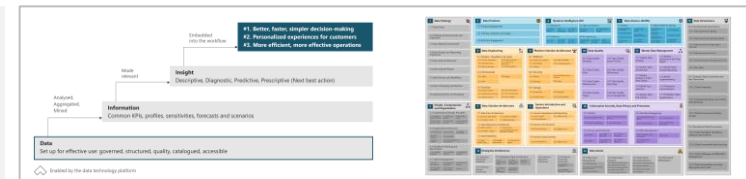


Simon D'Morias
Director,
Data Platforms



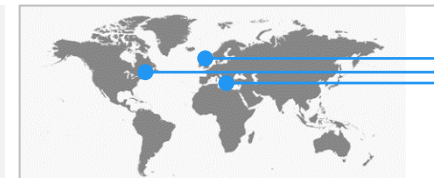
#4. Data and Analytics specialists

Focused on the set-up and use of data to enable personalised experiences for customers; better, faster, simpler decision-making; commercialisable data products; analytics & insight; industry 4.0; and sustainability



#5. Global Reach

Redkite offices in the UK, USA and Romania
Client engagements spanning all five continents



London, UK
New York, USA
Iași, Romania