

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

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



## Value

- Query Optimization: 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

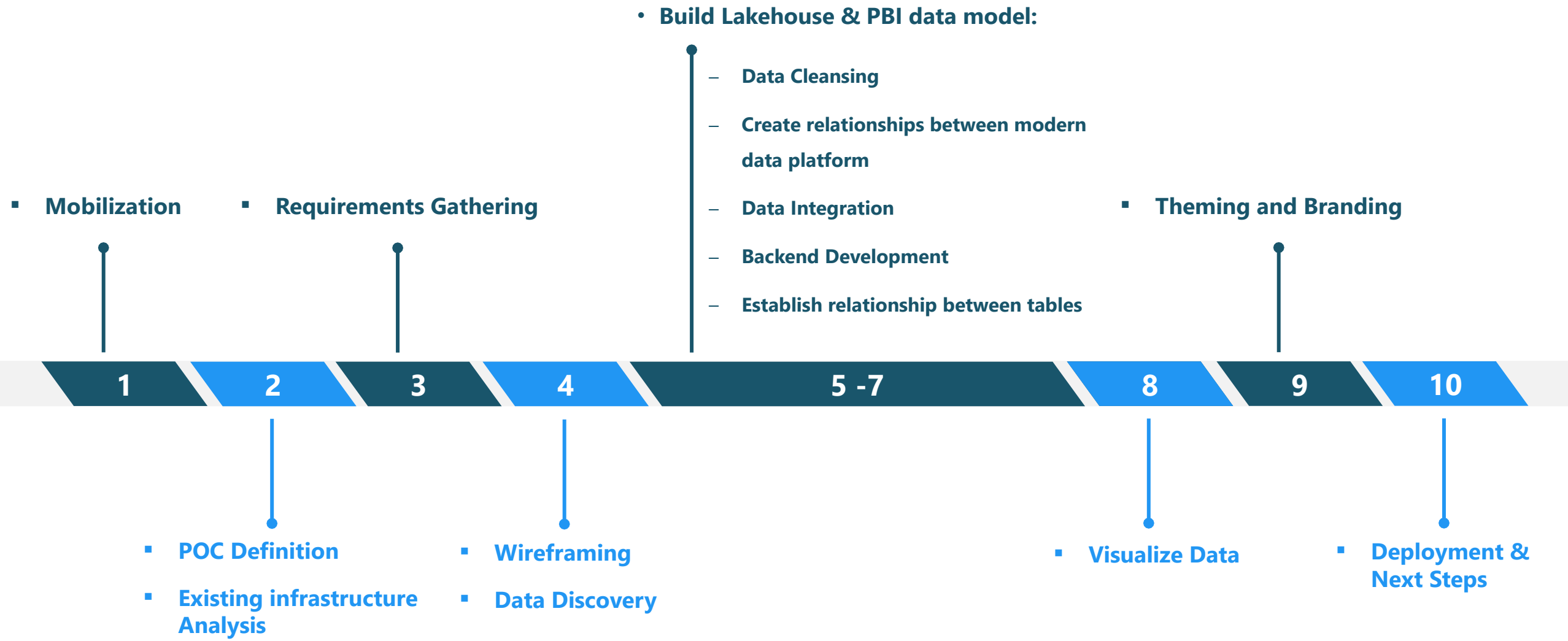
- Ease of access: Utilise the existing benefits of your platform in combination with Microsoft Fabric.
- Futureproof solution: Microsoft Fabric workloads run on the SaaS foundation that has supported Power BI for years, as that foundation grows and improves each workload will benefit from those improvements.



## 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

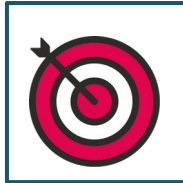


# Why Redkite?



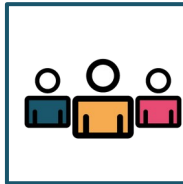
## #1. Track record of client success

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.



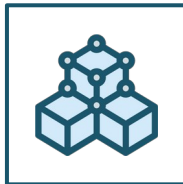
## #2. Industry specialization

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



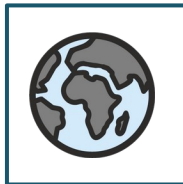
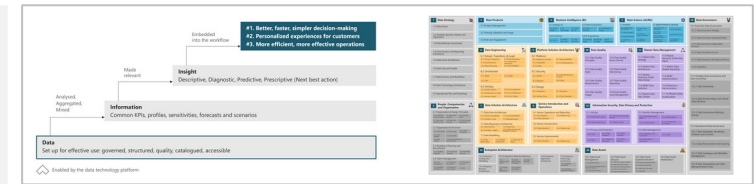
## #3. Credible experts in their field

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



## #4. Data and Analytics specialists

Focused on the set-up and use of data to enable personalized experiences for customers; better, faster, simpler decision-making; commercializable 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.

