POWER BI ON DATABRICKS ACCELERATOR · WITH OBUNGI

From your existing lakehouse **to reporting that is used.**

You already run Azure Databricks and have prepared data in your lakehouse, but business departments and management still work with Excel exports, individual queries or reports that have grown over time? We build a scoped Power BI solution on your existing Databricks back end – from the business key figures to a robust semantic model through to reports your users actually use.

20 PD
of Obungi services

4–6
weeks, indicative

5
phases with a decision point

AT A GLANCE

The Power BI on Databricks Accelerator by Obungi is a package of 20 person-days for companies that already run Azure Databricks. On the existing lakehouse, a near-production Power BI solution is built for one clearly defined business department: workshop and requirements (2 PD), back-end assessment and BI architecture (3 PD), semantic model (5 PD), reports and user test (6 PD), and optimisation and handover (4 PD). The indicative calendar duration is 4 to 6 weeks. The result is a semantic model, reports and a Power BI app, a key figure documentation, a test and measurement report on performance and consumption, and a recommendation for further expansion. The accelerator is not a rebuild of the Databricks platform and not a company-wide BI rollout.

SERVICE	Power BI on Databricks Accelerator
PROVIDER	Obungi GmbH, Hamburg
SCOPE	20 person-days (PD) in five phases
DURATION	Indicatively 4–6 weeks of calendar time
FOR WHOM	Companies with an Azure Databricks lakehouse in productive use and data that is ready for reporting
RESULT	Semantic model, reports and Power BI app, key figure documentation, test and measurement report, recommendation for expansion
LIMITS OF THE OFFER	One business department, one semantic model, up to five report pages (guide value), at most two permission roles
NOT INCLUDED	Building or rebuilding the Databricks platform, new source systems, licences, Databricks consumption, company-wide rollout

YOUR BENEFIT

Your Databricks platform turns into **visible value.**

01

A near-production solution

For one clearly defined business department: model, reports and app in your environment.

02

Transparency on performance and consumption

Loading times, refresh and Databricks consumption are measured and reported.

03

A foundation for expansion

A central semantic model with agreed key figures on which further reporting builds.

Obungi as your implementation partner

Obungi combines data platform know-how in Azure Databricks with the implementation of usable business intelligence in Power BI. Where the two worlds meet is where it is decided whether reporting runs fast, securely and economically: which tables in the lakehouse are suitable as a basis for reports, which storage mode fits the data volume and the need for timeliness, and how are permissions carried over cleanly from Databricks to Power BI?

The accelerator is a compact way into structured reporting on your existing platform – not a rebuild of that platform and not a company-wide BI rollout.

Databricks Bronze Partner

Obungi is a Bronze partner in the Databricks Brickbuilder Partner Network.

PROCESS

A clear path from the key figure **to a report that is used.**

Together with your business department we clarify which questions the reporting should answer and check how well your Databricks data is prepared for it. On that basis a central semantic model is created on which the reports build. User tests, performance measurements and a structured handover make sure your team can operate and develop the solution.

PHASE 1 — 2 PD

Workshop and requirements

Preparation, business/IT workshop, target groups, key figure definitions, reporting needs and measurable acceptance criteria.

DECISION POINT

Business department, key figures, scope and responsible persons confirmed.

PHASE 2 — 3 PD

Back-end assessment and BI architecture

Review of the relevant tables in the lakehouse (e.g. gold layer in Unity Catalog), SQL warehouse, connectivity, storage mode (import, DirectQuery or mixed), permissions and Power BI licence model.

DECISION POINT

Target architecture, data gaps and test data approved.

PHASE 3 — 5 PD

Semantic model

Star schema based on existing Databricks tables or views, central DAX measures, row-level security (RLS) and refresh concept.

DECISION POINT

Key figures reconciled against the baseline and approved by the business.

PHASE 4 — 6 PD

Reports and user test

Report pages and Power BI app for the agreed target group, consistent layout, navigation and a documented user test.

DECISION POINT

Reports assessed against the agreed criteria.

PHASE 5 — 4 PD

Optimisation and handover

Performance and cost measurement, deployment to the target environment, monitoring of the refresh, documentation, knowledge transfer and prioritised next steps.

DECISION POINT

Acceptance decision and recommendation for further expansion.

Total: 20 PD. If the assessment shows that the existing Databricks data for the chosen business department is not yet ready for reporting, the necessary preparatory work, the remaining scope and the commercial consequences are agreed in writing – they are not silently financed out of the reporting scope.

Arrange an initial call →

RESULTS AND ACCEPTANCE

Made measurable **together.**

In the workshop, your responsible business owner and Obungi set down the baseline, target values, test scenarios, measurement methods and responsibility for acceptance in writing. Target values are project-specific and not performance or savings KPIs guaranteed in advance. Measurements are taken in the agreed test or target environment with realistic data volumes.

AREA	MEASUREMENT IN THE PROJECT	TO BE DEFINED BEFORE THE START
Business correctness	Reconciliation of the central key figures with an approved reference report or a comparison query.	Key figure definitions, test cases, permitted deviations and the business approver.
Performance	Loading times of defined report pages and query times against the SQL warehouse.	Test scenarios, target values, data scope and warehouse configuration.
Timeliness and stability	Duration and success rate of the refreshes, or data timeliness in DirectQuery mode.	Refresh rhythm, time window and permitted errors.
Security	Test of row-level security and of the permissions passed through, with defined test users.	Roles, test users and permission matrix.
Cost and usability	Recorded Databricks consumption caused by the report load, and a documented user test.	Budget ceiling, cost allocation and approved user scenarios.

The handover includes

- ✓ Semantic model, reports and Power BI app in the agreed environment
- ✓ Key figure documentation
- ✓ Configuration and operating notes
- ✓ Test and measurement report
- ✓ Decision log with open points

Acceptance is carried out by the named customer side on the basis of these artefacts and the agreed test criteria.

SCOPE, PREREQUISITES AND SECURITY

Clearly **delimited.**

Limits of the offer

- One delimited business department
- One semantic model based on existing Databricks tables
- One Power BI app with a manageable number of report pages (guide value: up to five)
- At most two permission roles
- Data volume, history, refresh needs and number of key figures are limited specifically in the workshop

The limits are to be confirmed before commissioning. Changes are assessed in terms of effort, schedule and price and only implemented after written consent.

What you provide

- A business owner and an IT contact
- Data that is ready for reporting in your Databricks environment
- Read access to the relevant catalogues or schemas and a usable SQL warehouse
- A Power BI workspace and the fitting licences (e.g. Power BI Pro, Premium Per User or a Fabric capacity)
- A binding consumption budget

We work in the agreed customer environment with the minimum permissions required. Before data is accessed, data classification, data protection, data processing agreements where applicable, authentication (preferably single sign-on or a service principal), logging and release rules for reports are agreed.

Not included

- Building, migrating or rebuilding the Databricks platform
- Connecting new source systems
- Extensive data cleansing or remodelling in the lakehouse
- Company-wide Power BI governance and a full rollout
- Licence procurement, paginated reports, Power BI Embedded
- Ongoing productive operations or an SLA

Minor adjustments to views or tables for the report model are possible within the 20 PD after consultation. Delayed cooperation or data that is not ready for reporting can shift the calendar plan.

USE CASE IDEAS

Ideas for **getting started.**

The following examples are hypothetical scenarios, not customer references. The workshop decides which scenario fits your data, your goals and the 20 PD frame.

01

Management cockpit

Bundling the most important key figures of one area from Databricks tables that are already prepared into one central report. What is assessed: agreement with existing analyses, loading time and acceptance by the target group.

02

Replacing manual Excel reports

Moving a recurring business report that is created manually today to an automatically refreshed Power BI model. What is measured: accuracy of the key figures, stability of the refresh and the documented effort compared with the previous process.

03

Operational monitoring

Providing timely key figures for a narrowly defined process via DirectQuery or short refresh intervals. Data timeliness, query times and the additional warehouse consumption are defined in advance and measured. Productive real-time operation remains outside the package.

04

Certified self-service model

Providing a verified semantic model on which business users create their own analyses instead of accessing raw tables directly. What is assessed: consistency of key figures, permissions and usability in the user test.

INVESTMENT

Investment and a **possible funding option.**

Fee

The package comprises 20 person-days of Obungi services. Daily rate, payment terms and travel costs where applicable are agreed before commissioning; after the initial call you receive an offer with a price.

Licences and consumption

Power BI or Fabric licences and the Databricks consumption (in particular the SQL warehouse) are budgeted separately and are not included in the 20 PD.

Funding option

For suitable projects, Obungi can check a funding option. Whether funding is available depends, among other things, on customer segment, programme rules and written approval. Without confirmed approval there is no funding commitment; a scope of services free of charge is not promised.

Consumption deliberately managed

The Databricks consumption caused by the reports is managed through storage mode, refresh rhythm and warehouse configuration, monitored with budget alerts and shown in the measurement report. The aim is an economical balance of timeliness, performance and cost.

After the project: expansion deliberately separate

Possible follow-up projects are further business departments and reports, additional data sources in the lakehouse, overarching Power BI governance with deployment pipelines and certification processes, self-service enablement or the further development of the Databricks platform itself. They are described, calculated and commissioned separately after the handover and are not part of the 20 PD.

FAQ

Frequently asked questions about the **Power BI on Databricks Accelerator**

What is the Power BI on Databricks Accelerator?

A package of 20 person-days in which Obungi builds a scoped Power BI solution on your existing Azure Databricks lakehouse: semantic model, reports and Power BI app for one business department, including user test, measurement report and handover.

Who is the offer intended for?

For companies that already run Azure Databricks and have prepared data in the lakehouse, but whose business departments and management still work with Excel exports, individual queries or reports that have grown over time.

How long does the project take?

The effort is 20 person-days; the indicative calendar duration is 4 to 6 weeks. The availability of your business and IT contacts, access to Databricks and Power BI, and business decisions determine the actual course.

What do we receive at the end?

The semantic model, the reports and the Power BI app in the agreed environment, a key figure documentation, configuration and operating notes, the test and measurement report, and a decision log with open points.

What do we have to provide?

A business owner and an IT contact, data that is ready for reporting in your Databricks environment, read access to the relevant catalogues or schemas, a usable SQL warehouse, a Power BI workspace with fitting licences and a binding consumption budget.

What is not included?

Building, migrating or rebuilding the Databricks platform, connecting new source systems, extensive data cleansing, company-wide Power BI governance, licence procurement, paginated reports, Power BI Embedded, ongoing productive operations or an SLA, and a full rollout.

How does the offer differ from the Databricks Accelerator?

The Databricks Accelerator is aimed at companies that first want to evaluate Azure Databricks on a use case. The Power BI on Databricks Accelerator requires a Databricks environment that is already in use and makes its data usable in the business department.

Is there funding?

For suitable projects, Obungi can check a funding option. It is checked separately before the project starts, is neither promised nor a prerequisite for a project that makes sense, and only applies with written approval.

YOUR NEXT STEP

Narrowing down department, data and key figures **together.**

In the initial call we clarify suitability, scope and prerequisites. After that you receive an offer with a price and, where applicable, a confirmed funding option.

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Last updated: 19 November 2026