

BCN SERVICE DESCRIPTION

Power BI Kickstarter Service

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Product Description

Microsoft introduced Power BI in July 2011, and since then it has become a key platform for any organization to make the most of their existing data. By generating reporting reports and business insights, organizations have used Power BI to normalize and publish information in different consumable ways.

However, Power BI can be complex, and most organizations have only scratched the surface of what Power BI has to offer, if they have used it at all. With the right investment, Power BI can be an extremely powerful tool to visualise and analyse your existing data sets and gain real insights that will help inform stakeholders and guide business decisions going forward.

Why BCN?

BCN has extensive experience working with customers to develop Power BI solutions from data source to report based, meaning we are uniquely placed to deliver effectively to your requirements and drive real insight from your existing dataset.

Power BI Services

BCN's Power BI Kickstarter is a range of services and intellectual property that help you make the most of your data. BCN will provide our advanced Power BI experts to analyse your existing data set, gather business requirements from your stakeholders, and develop a report and reports that give you exactly the views and insights you are looking for.

Regular updates ensure stakeholders participate in the development process, & a full handover is provided to your BI team, meaning you have everything you need to work with the report going forward.

In addition to the Kickstarter, BCN's Adoption Pack enables access to Power BI training sessions, and a Power BI expert to work with your internal teams to help build on the developed Report, helping you expand your internal Power BI capabilities through hands-on learning.



Key Points

BCN Group's Power BI Kickstarter has the below key features:

Power BI Kickstarter

- Power BI project to produce a report based on customer requirements, from an existing customer provided dataset.
- Fixed time engagement with development days, knowledge transfer & handover, project co-ordination within a project duration of 6 weeks
- Approach includes requirement gathering, data analysis Power BI reports & report development, knowledge transfer.
- Accelerate your Power BI Pro licences value with Power BI experts.
- Our team will shine a light into your data through Power BI, with the same consistent data source, but transforming your insights.

Power BI Adoption Pack (option)

The Power BI Adoption Pack is an optional add-on to provide expert training and guidance to customers after the Power BI Kickstarter, covering two engagements:

- Instructor Led Training – 2 days of on-site training for the customer's team for up to 6 people.
- Report Builder Workshop – 2 days of BCN expertise, on-site (highly recommended!), to support, guide and advise the customer's team on their Power BI development.

Power BI Design Pack (Option)

The Power BI Adoption Pack is an optional add-on to provide expert guidance on UX/UI principles and unlock storytelling with data. By creating visual impact with UX/UI in mind, we can drive adoption by creating visually immersive reports, with your branding and colour scheme applied.

- Consultancy on the reports built as the core kickstarter package
- A take-away Power BI report theme and template

Power BI Kickstarter

BCN's Power BI Kickstarter is focused on developing a report/report from a customer's existing data set. The below stages outline BCN's structured approach:



Data analysis

We use our unique Measure Matrix methodology to capture data requirements. A completed matrix will provide a blueprint for the Power BI model (dataset).

Power BI model/dataset

Power BI models (known as datasets) will be developed based on the outputs of the analysis exercise. The Power BI model/dataset will include data connections, data transformations and the data model.

Power BI templates

We have developed Power BI templates that deliver a 'design standard' as well as speeding up report development by 75%. These are based on global best practice and include user guides and factsheets which help ensure Power BI adoption.

Power BI reports

Power BI reports will be developed over the models that BCN create. This will accelerate development and provide a consistent look and feel across all reports.

Knowledge transfer

Designed to share the steps taken from connecting to the source data through to the final reports and report.

Power BI Kickstarter Deliverables

- **One** Power BI data model, based off **one** customer dataset
- Up to 6 interactive Power BI report pages, built on BCN Power BI Templates.



- Accessible reports for desktop and tablets.
- Knowledge Transfer Teams session for internal teams.
- Branding is out of scope, however, can be included at an additional cost.

Power BI Adoption Pack (option)

Designed to complement our Power BI Kick-starter to deliver a combination of structured end to end training and report development training:

- Instructor Led training: Two days of onsite end to end training for up to 6 people.
 - Aimed at BI teams and technical IT Teams
 - Classroom style training covering connecting to data sources, data modelling/model creation, report creation, publishing, scheduling refreshes, row level security and more.
- Report Builder Workshop: Two days onsite workshop for up to 6 people
 - Aimed at report creators. Attendees will create reports with a BCN Power BI expert floor walking sharing advice and guidance.
 - Based on the data set/model delivered by the PBI Kick-starter

Customer Scenarios and Service Benefits

Customer Pre-Requisites

- Customer will provide existing reports and access to the database tables that underpin the reports
- Customer and BCN will collaboratively complete a Measure Matrix and user stories approach to establish and confirm user requirements
- Source data is complete, consistent, and correct and contains all the data items needed
- A single source system which provides the data, and this is readily available, with remote access. This could be in a normalised or dimensionally modelled database, an excel sheet or a csv.
- Any data models to be developed will comprise a maximum of 12 tables
 - Three fact tables – these tables contain all the measurable items, like sales, admissions, number of incidents etc
 - Nine dimension tables – these tables contain things you would filter by, by employee, by location, by product, by ward for example. This excludes a date table which we recommend to help with time intelligence
- All fact tables cumulatively should contain no more than 80 columns excluding primary keys
- If DAX based Calculated Columns and/or Measures are required, a limit of 30 DAX expressions applies. This may be split into 10 Calculated Columns and 20 Measures, or 15 of each for example.



- If Roles are required within the cube, up to 3 are included in scope. If more Roles are required BCN will provide advice and guidance on creating these during the knowledge transfer
- Maximum 6 report pages, containing up to 10 alternative views in total, excluding User Notes and Visual Tooltip pages
- All required stakeholders are available for engagement during this phase
- **Access must be provided as below, prior to the engagement:**
 - A read-only account for the developer to the data.
 - If required, an account and access to the customer Remote Desktop Protocol (RDP) system
 - An account to be set up on the Power BI tenant with administrative rights over the workspace in which the reports will be located.
 - If your data is on-premises, a Data Gateway will need to have been installed and configured on your server, usually on the same server on which your data resides. This should occur before the reports can go live (~6 weeks). If your data is on the cloud, then a gateway does not apply.

Customer Scenarios

All Customers

Customers that meet the pre-requisites and are looking for a report to be developed based on their requirements. The customer must meet all pre-requisites, and have stakeholders identified to discuss requirements, and engineers to provide access & receive the knowledge transfer / training.

BCN's value is expertise, experience & certification in Power BI development.

Service Benefits

- Improved insight into existing data
- Power BI Reports developed for the customer using a Best Practice approach.
- Certified Power BI Developers to visualize and analyse a customer's existing data.
- Improved insights into the customer's data using Power BI, a best-in-market toolset.
- Maximise investment by leveraging existing Power BI licenses to bring business value.
- Create internal Power BI capabilities through expert Knowledge Transfer, training & developer engagement.

Out Of Scope for A Kickstarter



Items that are out of scope include:

- Live data sets (streaming or dynamic data tables)
- Direct query
- More than 8 daily refreshes of data into the Power BI Service
- Tabular models or manipulation of data or existing data models

Pricing Structure

The following describes the items that will be seen on a quote or service order relating to this service and the structure of those items in building this service.

BCN Power BI Kickstarter

Recurrence	Min Qty	Description	Min Term
One-off	1	6–8-week project engagement including: <ul style="list-style-type: none">• Requirement Gathering• User Story generation• Data Analysis• Power BI cube/dataset development• Power BI Report & Dashboard Development & Testing• Weekly stakeholder updates• Knowledge Transfer	N/A

BCN Power BI Design Pack (option)

Recurrence	Min Qty	Description	Min Term
One-off	2	2 days of consultancy to add UX/UI design principles to the core Kickstarter deliverable plus a takeaway colour palette and templates.	N/A

BCN Power BI Adoption Pack (option)



Recurrence	Min Qty	Description	Min Term
One-off	1	<ul style="list-style-type: none"><li data-bbox="624 302 938 331">• Instructor Led Training<li data-bbox="624 365 970 394">• Report Builder Workshop	N/A



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