Transform your Business Intelligence Capabilities & Costs with Power BI

DATA FACT Z

Economically scale BI, while unifying self-service and enterprise analytics with Power BI

No surprises: With a clear roadmap and transparent, flexible delivery there's no waiting in to see what things will cost at the end.

Nimble & Efficient: We can prove our approach with a functional POC before others would wrap up requirements gathering.

Measurable results: Being impact driven means no time to waste, no ulterior motives, as your extended CoE we empower your teams as force and adoption multipliers for measurable results.
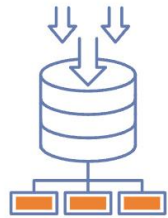
- ✓ More Integration
- ✓ More advanced features
- ✓ Easier compliance
- ✓ Industry leading platform & support
- ✓ Significant TCO reduction

Power BI

Why DataFactZ is your ideal migration partner

DataFactZ Key Differentiators

Accelerators

Expertise decoding Legacy BI database layers

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Automation of information retrieval of metadata

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Templates to automate migration of reports to **Power BI** paginated reports

Past Success

From start-ups to Fortune 500s spanning multiple verticals

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Handled 100s of upgrades and BI migrations from on-prem to cloud

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Successful migrations of Legacy BI tools to **Power BI**

Premier team

12th year as Certified Gold **PowerBI** Partner

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Technical Project Management

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Cross functional skills

Why Move to Power BI

- Your legacy Business Intelligence (BI) system is the foundation of your organization and the key to your success. It's critical to incorporate business intelligence technology into your company, but it can be challenging to scale up legacy BI tools without added headcount, time and cost. As a result, if you are looking for an alternative technology that you can use to boost sales, improve customer service and enhance decision making within your organization at a very competitive pricing, then Power BI should be at the top of your list.

- Microsoft Power BI is a high-end cloud integration service that gives organizations an unprecedented level of insights into the data they store, particularly through the use of visuals and interactive dashboards. The unlimited scaling, quick implementation, absence of infrastructure support or capital expenditure, make Microsoft's Power BI the best alternative to legacy BI tools.

- Microsoft Power BI enables everyone in your organization, specialist or not, to have access to real-time metrics, allowing more responsive and ongoing oversight of your business as it's happening.

- Some of the key benefits of using Power BI are:

Integrations

Unlimited integrations and connectivity – Native Azure and Office 365 integrations

Compliance and pricing

Enterprise grade administration, security and accessibility features

Pricing

competitive pricing 40-60% reduced TCO

Advanced features

Interactive visualizations for a wide audience, Machine Learning integration

Industry leader

Leader in analytics and BI platforms by Gartner – Wide adoption and user community

Differentiators by Key Features

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One of the primary advantages of Power BI is the fact that it is tightly integrated with Microsoft's array of cloud services, including Azure ML and Stream Analytics, which enable predictive intelligence. This feature helps users take a proactive approach to correct course in real time while working toward achieving their core business goals.

Legacy BI tools require a more complex, timely and expensive development lifecycle as they have an added metadata layer.

Power BI allows you to leverage a semantic layer with Analysis Services, in case you need to add governance to your model.

Microsoft Power BI offers many of the same features found in legacy business intelligence tools. The following section highlights some of the key distinctions between Microsoft Power BI and legacy business intelligence tools.

Legacy Key Features	Microsoft Power BI Support	Comments
Legacy Mobile including offline capability	Yes	
Legacy Rich Metadata	No	
Dashboard & Scorecard	Yes	
In-Memory Cube	Partial	With Power BI Import or Tabular Cube
Distribution Services & Alerting	Yes	
Transaction Services	Partial	With PowerApps Integration
Multisource	Yes	
Internationalization	Yes	
Customization through SDK	Yes	
Administrative products OM/CM/SM & IM	Yes	
Row Level Security & ACLs	Yes	
Data Mining & Predictive Analysis	Yes	
Clustering	NA	
Object Reusability	Partial	Power BI Template and Shared Dataset could be reused
Data Import/Export	Yes	
Geographic Maps	Yes	

Differentiators

For every business willing to invest in business intelligence, return on investment (ROI) is a key metric. From a ROI perspective, Power BI brings great benefits:

✓ Data Analytics: Leverage tools like ETL And Data Discovery to deploy predictive analytics and advanced data modeling

✓ Customized reporting: Choose between hundreds of templates and thousands of options to customize visualization for every need

✓ Native integration with Microsoft Suite: Microsoft Office 365, Azure and Excel

✓ Cost Optimization: Smart scalable tiers, with a free entry one and other customizable levels to optimize the Total Cost of Ownership

Here is a side-by-side TCO comparison between different platforms:

Differentiators by Cost

Cost Type	Estimated Cost of Outsourced Legacy BI Platform	Estimated Cost of Outsourced Microsoft Power BI (SAAS)	Estimated Cost of Outsourced Microsoft Power BI + Azure (PAAS)
	Acquisition Cost		
License cost per 100 users	$30,500	$12,000	$12,000
RDBMS and other License cost	$20,000	$20,000	$2,400
Consulting, Installation & Configuration	$60,000	$18,500	$34,000
Hardware & Infrastructure	$40,000	$16,000	$0
	OpEx		
Support & Maintenance	$30,000	$15,000	$9,000
Upgrades	$1,000	$0	$0
User Training	$1,500	$750	$750
TCO, 1 Year Period	$183,000	$82,250	$58,150
TCO, 3 Year Period	$367,500	$165,750	$111,450
TCO Benefit in %		55%	70%

Differentiators by Ongoing Effort

	Effort (Days)	
Step	Legacy	Microsoft Power BI (PAAS)
New Report/Dashboard Design	60	30
Software maintenance/upgrade	15	N/A
Security management	20	N/A
Database administration	60	10
Dev Ops	60	10
Backup management/DR	10	N/A
Hardware management	20	N/A
Training	30	15
Total Effort (Days)	**275**	**65**

Migration Approach

✓ Every Power BI migration has two equally important components: the data and the relationships between the data. Even though it is entirely possible to upload all the data into the Cloud, with respect to TCO, we strongly recommend migrating only the data that will be used for reporting and analytics. Our initial assessment will analyze the data and the relationships between the data to help reduce cost and overhead.

✓ It is deeply rooted into our values to provide you the best solution tied together with the ideal delivery, in line with your business needs.

✓ Another element that is important to consider when migrating to Power BI is the technology stack currently in use. If your company is already using Microsoft services, then migrating to Power BI will bring the advantage of having native integrations with Microsoft Suite.

✓ When evaluating the BI migration approach, there are two strategies that can be used:

- Augmentation approach: Run multiple BI tools in parallel to ensure the legacy reports are being generated on the legacy system, while all the new reports are created in the new tool. This may be less risky, but it will infer a greater cost for running two platforms in parallel.

- Rip and replace: Focus on migrating all the legacy reports to a new BI platform, as Power BI can accelerate and simplify the replacing efforts. The goal with this approach will be to uncover how to move the existing data from the legacy platform to Power BI.

- During our initial assessment we will go over all the possible scenarios and uncover all the benefits and risks for each one. Our team of trained professionals will make sure to implement the migration within time and budget, while working carefully with the data that is being transferred.

Migration Approach

Initiate
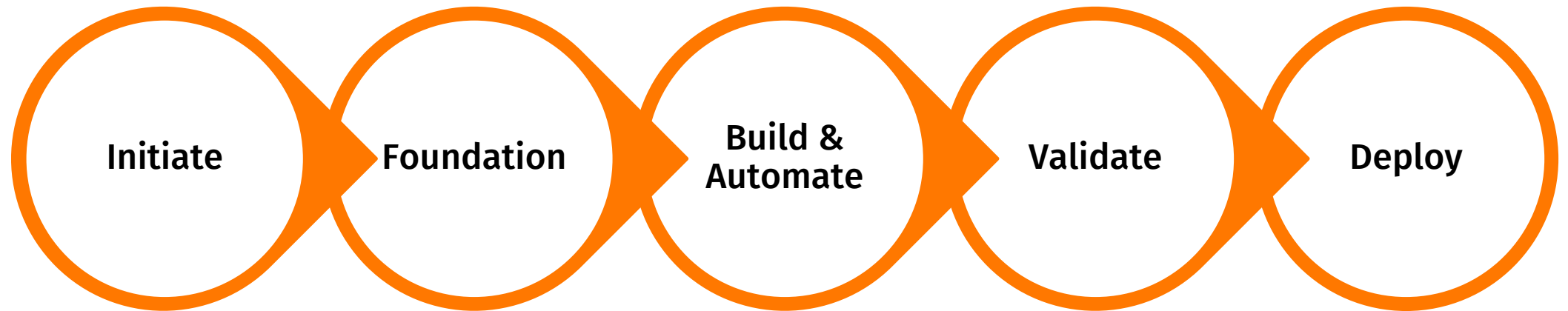
- Vendor Onboarding & Legal Agreements
- Statement of Work
- Scope & Success Criteria
- Report/Dashboard Inventory
- Features/Functionality
- Security Requirements
- Automations
- Solution Architecture
- Capacity Planning
- Security Architecture
- Environment Provisioning
- Project Planning
- Resource Onboarding

Foundation

- Environment Configuration
- Workplace Configuration
- Power BI Connectivity
- Dev Team Provisioning
- Data & Object Security
- Subscription Delivery

Build & Automate

- Configure Data Gateways
- Import tables & Set up Relationships
- Develop Datasets
- Build Calculated columns and Measures
- Build reports & dashboards
- Build Power BI Apps
- Setup Row level/ Object level Security
- Setup subscription
- Implement Automation functionalities
- Single Sign-On
- Any Application Integrations

Validate

- Validate Solution
- Validate Data Accuracy
- Test security features
- Validate Functionality
- Document the Solution
- Verify user access to reports and dashboards

Deploy

- Deploy solution to QA environment
- Conduct/Support UAT
- Conduct training sessions (if required)
- Deploy to Production environment
- Communicate with Users
- Run in Parallel
- Decommission Legacy Reporting
- Monitor & Support
- End User Training & Adoption