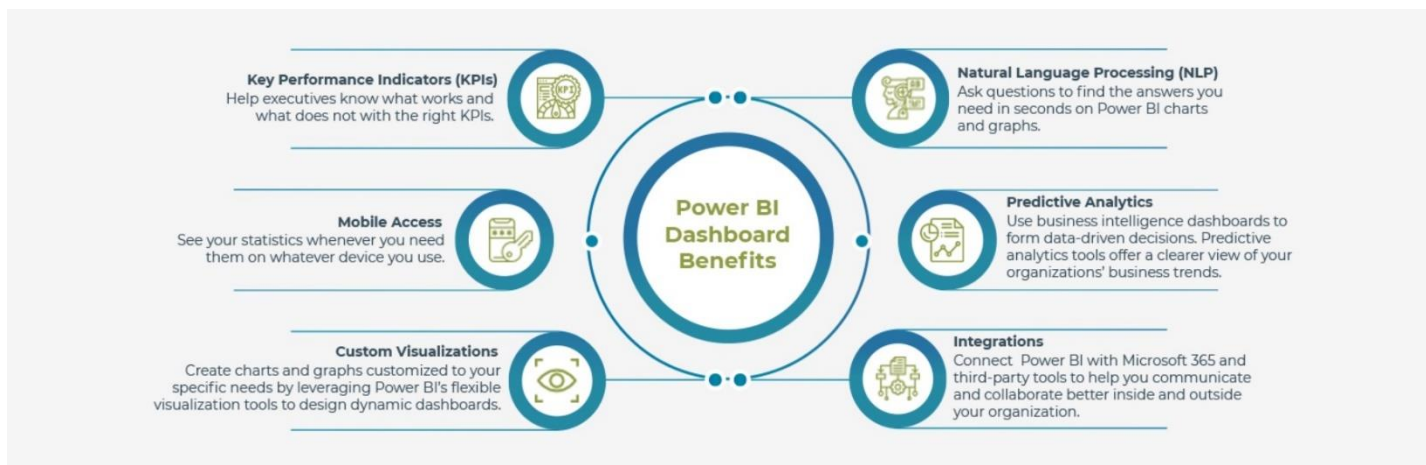# Implement Data analytics on Azure Synapse

Today, for any business or for any organization Data is the new gold. However, if a business has lots of data and can't process and segregate it to generate revenue it's simply a waste. In such a case, these data set will cause more harm than good. If you want to extract the utmost benefit from the on-hand data you have then, Data Visualization plays a pivotal role in that as it helps all types of users to be able build reports and dashboards to analyse data from multiple sources.

Dashboards are a wonderful way to monitor your business, get quick and relevant reports, and glance quickly at important metrics. A Power BI dashboard is a one-page canvas that use visualizations to tell a story. Because the dashboard is limited to one page, a well-designed dashboard contains only the most important elements of that story and provide you with visualization elements like charts and graphs to present 360-degree overview of business operations.

Microsoft comes up with the best solution to cater these data requirement and provided a service by the name **Microsoft Power BI**.



*At QDS, our grail is to develop intelligent and actionable insights, that help business's foster and with the same time enable clients' resources to get enriched with latest technology.*

*If you need a Microsoft Gold partner to help you create interactive dashboards for your organization, we are here to provide you best services*
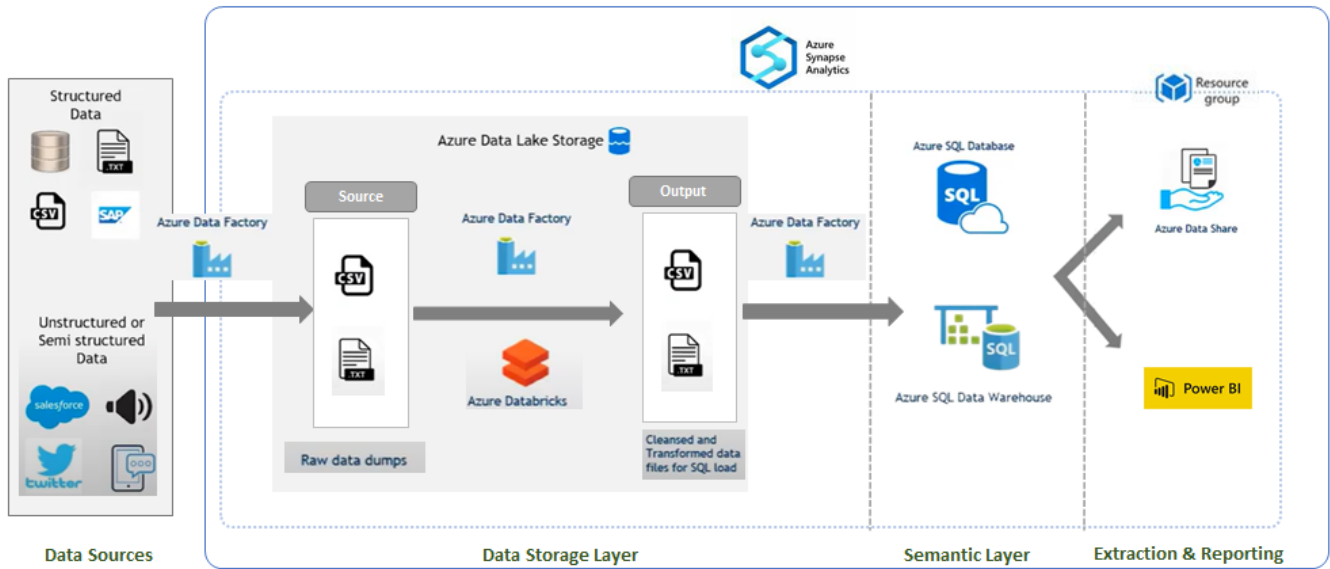
## What QDS is offering

Qatar Datamation Systems is a full-service digital transformation partner who is trusted by customers across the region, for design, development, support, and guidance to accelerate innovation and ensure exceptional outcomes throughout the product lifecycle. We Transform, Build and Run the Next Generation Digital Enterprise for our customers.

A normal Data warehouse project would take 4 to 6 months to get completed, but with our *plug-in play* dashboards, we can develop dashboard in weeks and client can start viewing their data from the 1st week of deployment.

We are providing services for Power BI dashboards using *Azure synapse*. Which is the latest Azure cloud version for data warehousing & analytics, it is a *Platform as a Service (PaaS)* offering on Azure platform, which provides limitless analytics service using either serverless on-demand or provisioned resources—at scale. Where client do not have look for infrastructure readiness and maintenance, all the things will be done by Microsoft. Azure Synapse provides a unified experience that brings together data ingestion, data warehousing & Data visualization.

| Services |
|---|
| • Data source connectivity (2 max) |
| • Data Modelling |
| • Max 10 Measures or Calculated columns |
| • 2 dashboards with 6 reports |
| • 4 charts per reports |
| • 1 Embedded report |
| • Desktop/mobile layout |
| • Automatic data refresh |
| • Role level security |
| • Publishing to Power BI services |

# High-Level Architecture of Azure Synapse



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