Data Solutions

What we do

We help you realise the untapped potential of your data and transform information into knowledge, to effectively optimise your business value.

We create and execute a comprehensive and integrated data strategy, identifying the requirements and priorities for your business, improving the management, quality and visualisation of data and delivering agile, responsive best practice solutions.

As your business matures and data becomes increasingly important, we will grow with you, taking you on a journey that follows a natural progression from simple data sourcing to complex analytics.

Benefits

Managing and leveraging your data to function in a digital world

Gain access to the right skills, experience and capabilities in a flexible and scalable model while reducing costs associated with fulltime resources or traditional consulting engagements.

Using accelerators developed by NashTech to deploy common data architecture quickly and affordably will deliver the most value from your data assets.
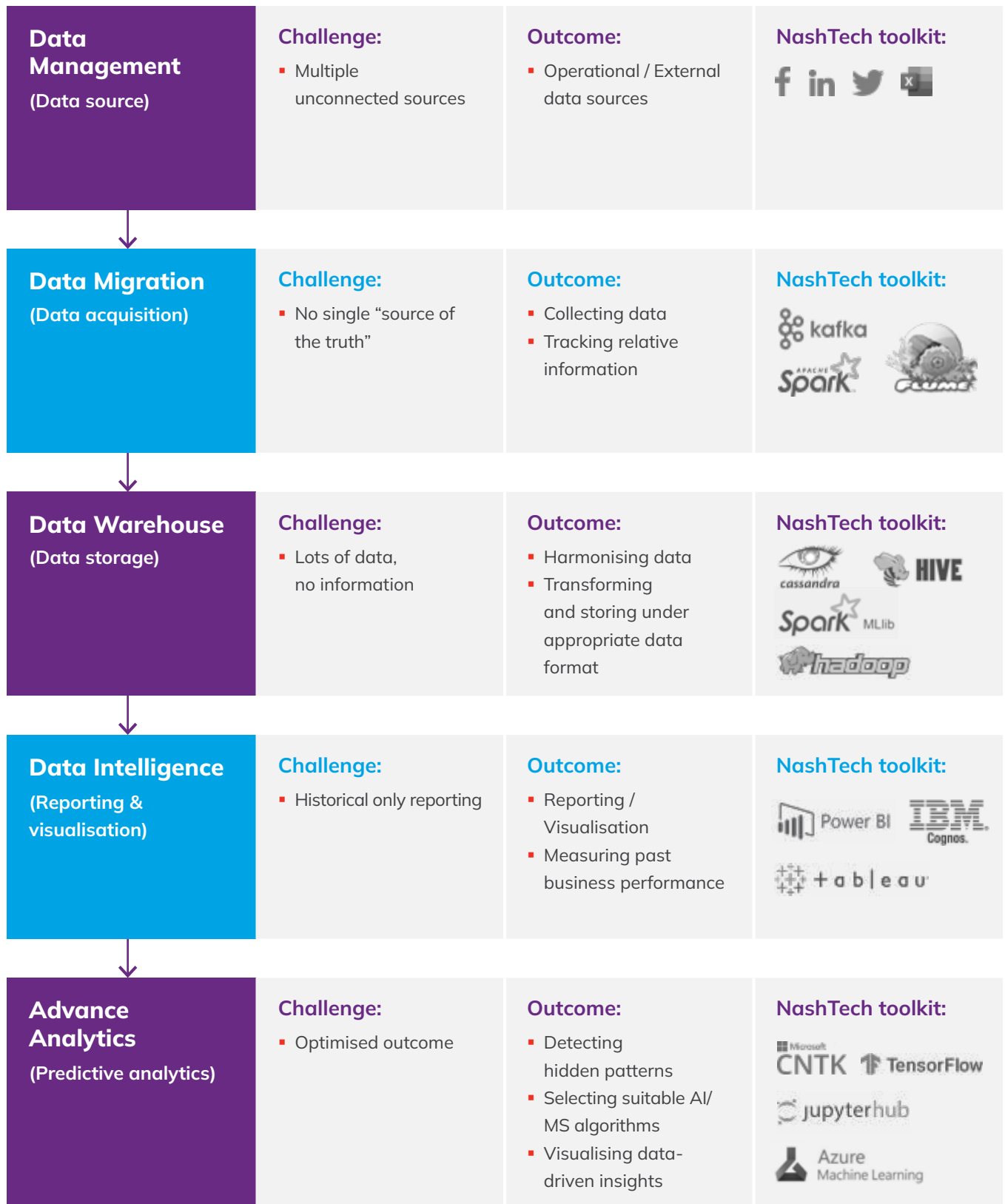
By leveraging data to ensure it is accessible, consumable, reliable and governed – and choosing the right technologies to use – you will be able to deliver on a vision strategy and operating model that works for your business and fully realises your goals.

Your data journey

NashTech takes a consultative approach to working with our customers' data needs. An initial review of the current data sets and processes is key to helping us understand what the next steps are. A customer who has all their data kept in excel spreadsheets on different desktops will have very different needs from a customer who has multiple databases each housing a petabyte of data. This can help guide the technical analysis, which gives us the full roadmap of what solutions need to be put in place and what the future will look like.

Data Management (Data source)	**Challenge:** ▪ Multiple unconnected sources	**Outcome:** ▪ Operational / External data sources	**NashTech toolkit:**
Data Migration (Data acquisition)	**Challenge:** ▪ No single "source of the truth"	**Outcome:** ▪ Collecting data ▪ Tracking relative information	**NashTech toolkit:** kafka Spark
Data Warehouse (Data storage)	**Challenge:** ▪ Lots of data, no information	**Outcome:** ▪ Harmonising data ▪ Transforming and storing under appropriate data format	**NashTech toolkit:** cassandra HIVE Spark MLlib hadoop
Data Intelligence (Reporting & visualisation)	**Challenge:** ▪ Historical only reporting	**Outcome:** ▪ Reporting / Visualisation ▪ Measuring past business performance	**NashTech toolkit:** Power BI IBM Cognos. +tableau
Advance Analytics (Predictive analytics)	**Challenge:** ▪ Optimised outcome	**Outcome:** ▪ Detecting hidden patterns ▪ Selecting suitable AI/ MS algorithms ▪ Visualising data-driven insights	**NashTech toolkit:** Microsoft CNTK TensorFlow jupyterhub Azure Machine Learning

Why NashTech

We understand that every organisation is at a different point in its data journey and adjusting our approach to the vision of our clients is key to providing the highest value in the most economic ways.

We offer you different and innovative approaches to leveraging your data assets in a cost-effective and resource-efficient way and can package our services either as a whole, in any combination or in partnership with our other practices. From open source to cloud innovators we have the skills and experience to help you at every stage of your data journey.

When it comes to selecting a technology stack to leverage your data assets, getting independent advice is key. Our data solutions are based on reference architectures and best practices which are then developed across a range of technologies e.g. Azure, AWS, GCP, ensuring our advice is agnostic and always in our clients best interests.

Need a partner for application support, maintenance and enhancement?

Email us today: *info@nashtechglobal.com*