Big Data & Data Warehousing

Microsoft's big data and data warehousing solutions handle all types of data, end-to-end: streaming, collection, processing, storage, and analytics.

Data, data, everywhere.
Data is expanding ten-fold every five years with over 85% of the increase coming from new sources outside the traditional relational data warehouse. Data sources include mobile, social, video, sensors, devices, RFID, web logs, advanced analytics, and click streams. Microsoft's big data & data warehousing offerings are able to process and query data wherever it might live.

Leader
Gartner has named Microsoft a Leader in the 2016 Magic Quadrant for Big Data & Analytics Platforms.

Store any data of any size and speed
- Relationship data and non-relationship data
- Real-time data
- Data of any size from terabytes to petabytes
- Dynamically scales to meet your business priorities

Process and query any data, anywhere
- Distributed query federates and joins heterogeneous data sources from on-premises and cloud
- Dynamically scales to meet your business priorities

On-premises and in the cloud
- On-premises offerings with enterprise software, reference architectures and appliances
- Cloud-based architecture and managed services (PaaS)
- Hybrid deployments across on-premises and cloud

Choice of tools and strong ecosystem
- Managed and supported across Azure stack and Microsoft services for all functions
- Designed for seamless interaction between tools and services
- Strong partner ecosystem to integrate and extend the solution

Big data & data warehousing from beginning to end
- End-to-end: streaming, collection, processing, storage, and analytics
- Fully integrated and extensible from edge to cloud