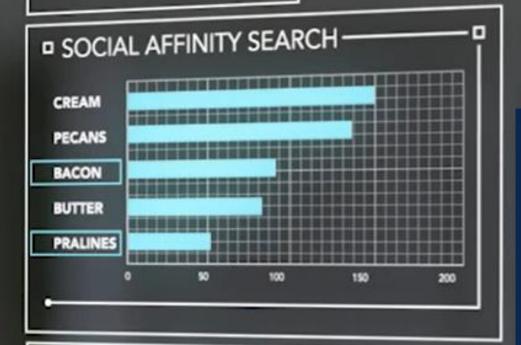
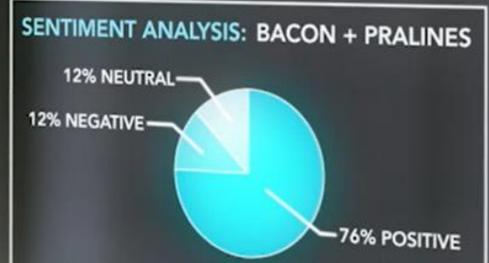
BEST SELLER: PECANS & CREAM



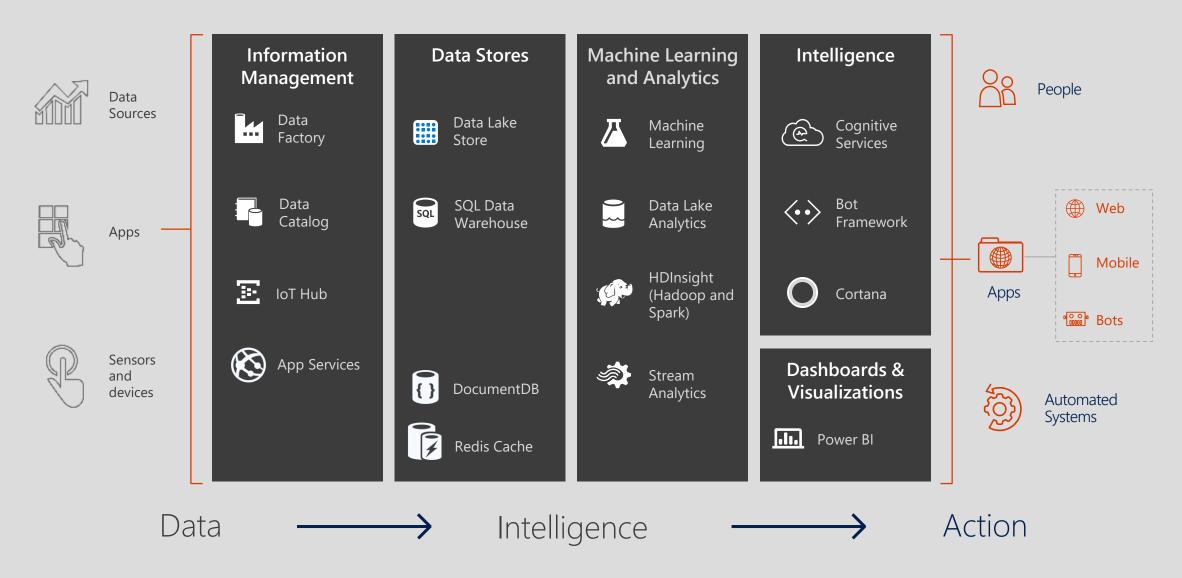
Transform data into intelligent action



David Gristwood

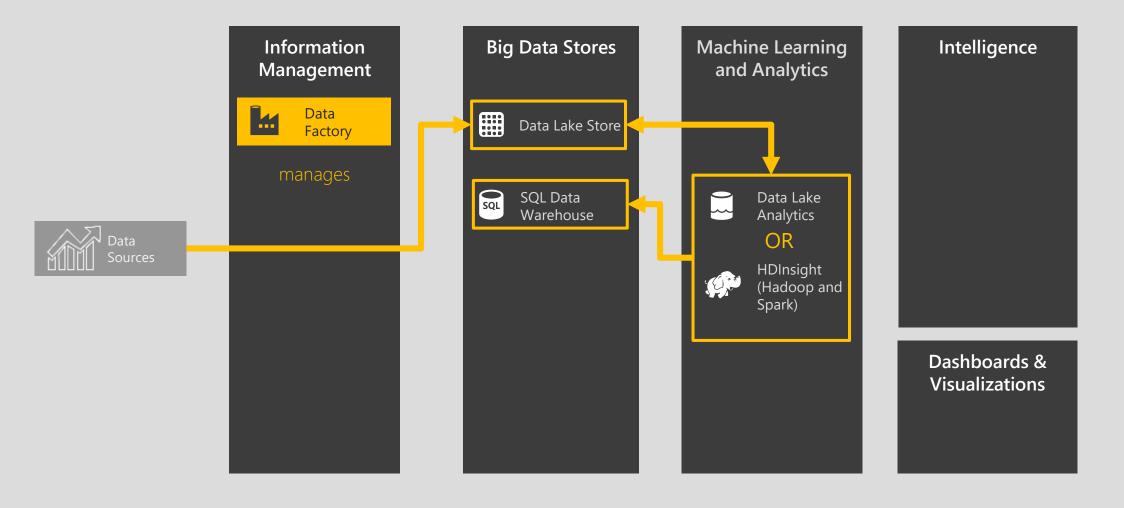


Transform data into intelligent action





Data at Scale

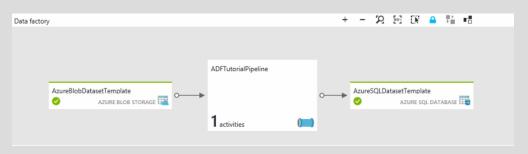


Azure Data Factory

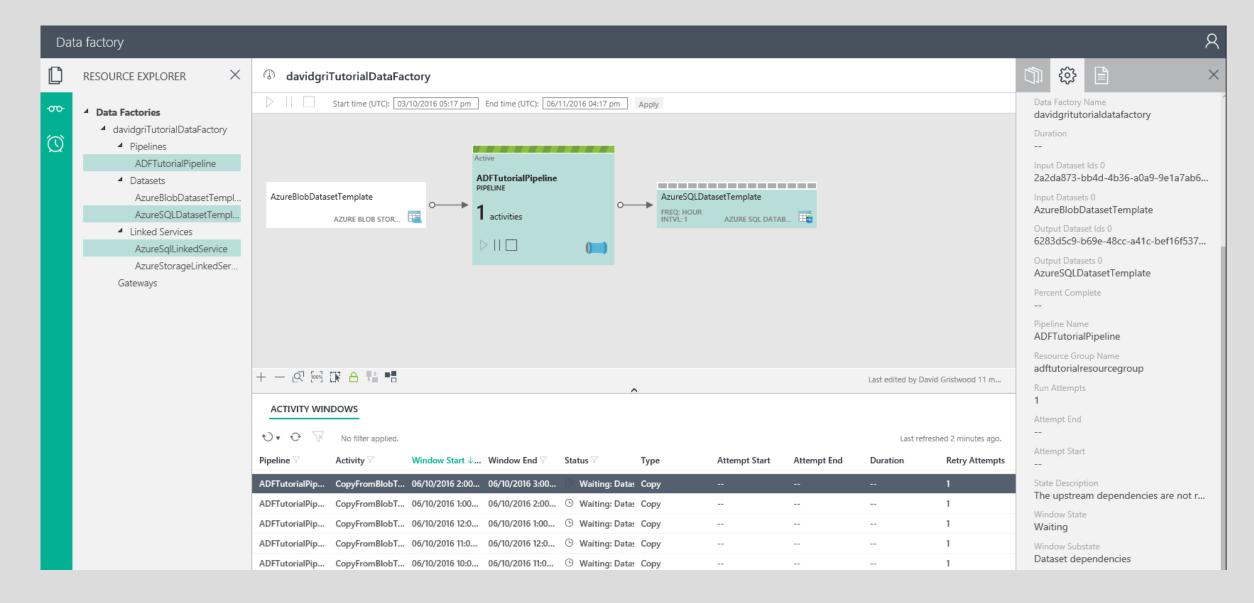
A managed cloud service for building and operating data pipelines



Create, schedule, orchestrate, manage data pipelines Visualise data lineage Monitor data pipeline health Connect to on-premises and cloud data sources



Data Factory Monitoring

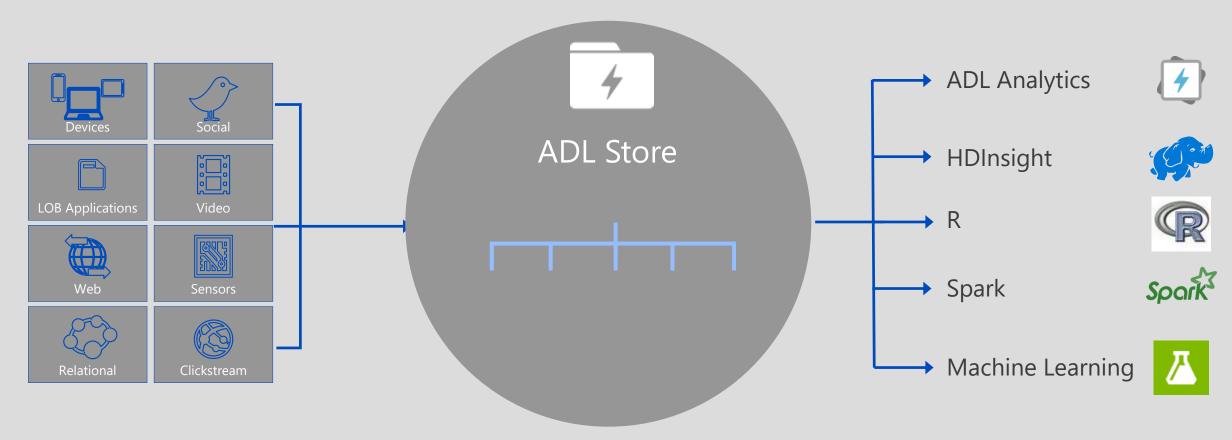


Azure Data Lake

HDInsight ("managed clusters") Azure Data Lake **Analytics** Analytics Azure Data Lake **Storage** Storage

Azure Data Lake Store

A highly scalable, distributed, parallel file system in the cloud Designed to work with multiple analytic frameworks



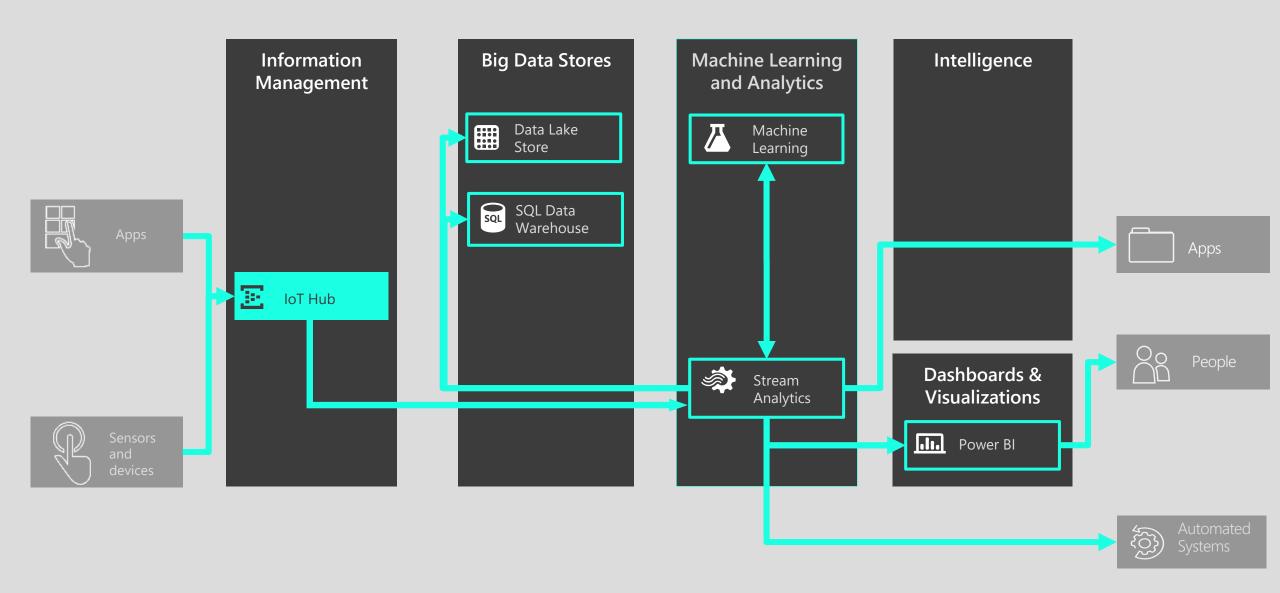
Azure Data Lake Analytics Service

A new distributed analytics service



- Built on Apache YARN
- Scales dynamically with the turn of a dial
- Pay by the query
- Supports Azure AD for access control, roles, and integration with on-premise identity systems
- Built with U-SQL to unify the benefits of SQL with the power of C#

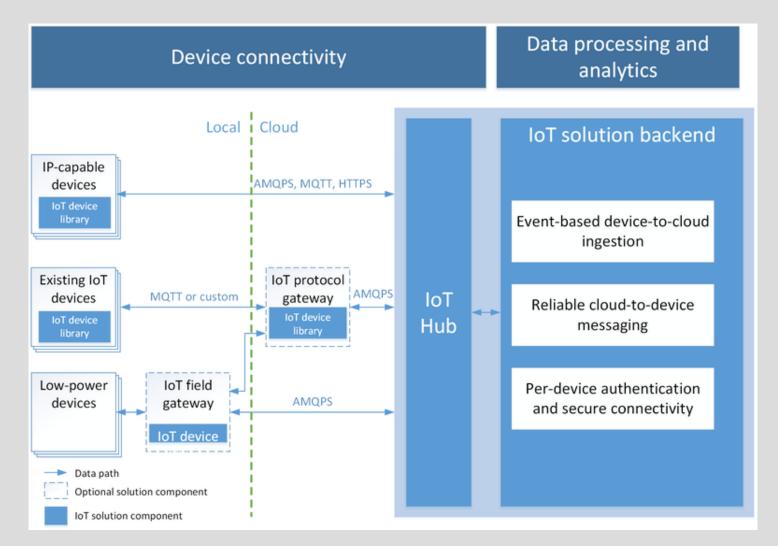
Data at Speed



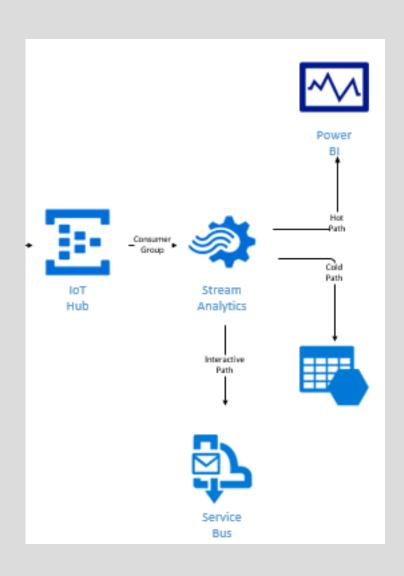
Azure IoT Hub



- Telemetry ingestion
- Millions of devices
- Secure bi-directional communication
- AMQP, HTTP, MQTT, custom protocols
- Multiple platforms device SDKs



Azure Stream Analytics



Stream millions events per second

Perform time based work

Mission critical reliability

SQL-like language

Create real time alerts

Azure Streaming Analytics

Data at Rest



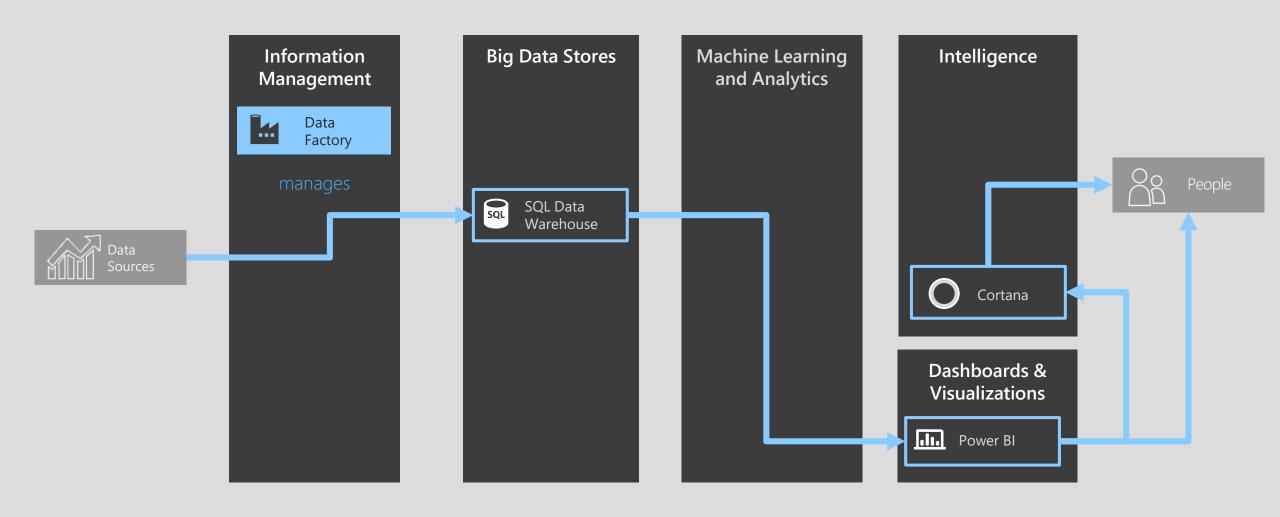
Data in Motion



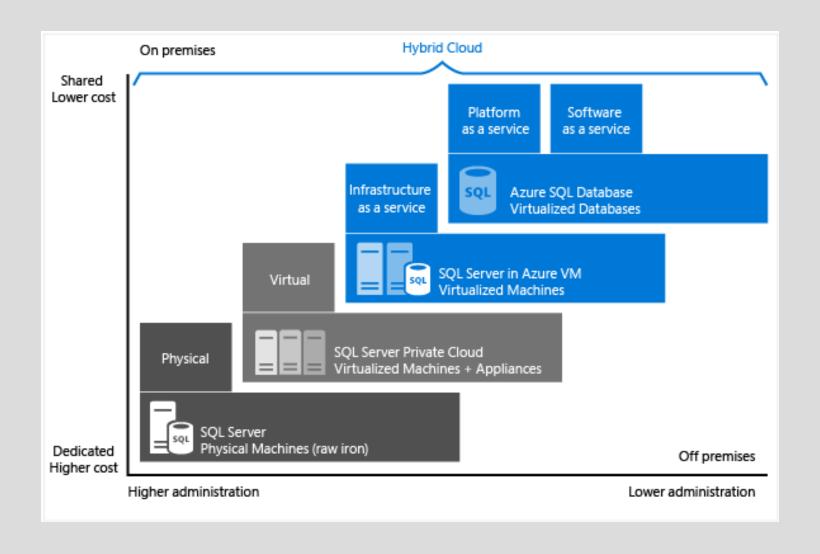
"Every 5 seconds give me the count of tweets over the last 10 seconds"

```
SELECT Topic, Count(*) AS
TotalTweets
FROM TwitterStream
TIMESTAMP BY CreatedAt
GROUP BY Topic,
HoppingWindow(second, 10, 5)
```

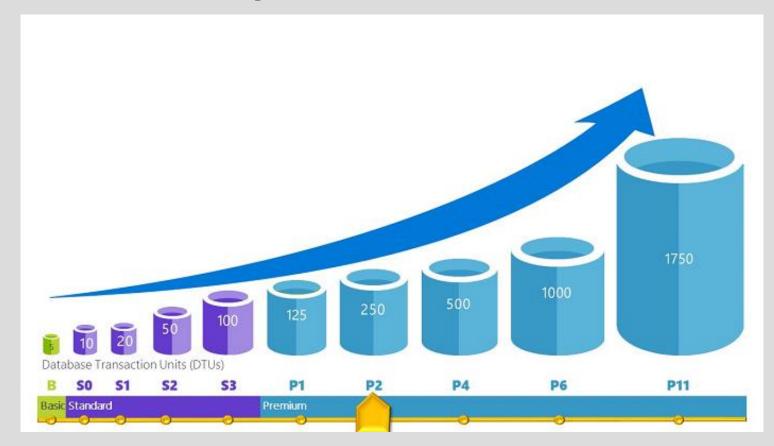
Traditional BI



SQL Database (aka 'SQL Azure')



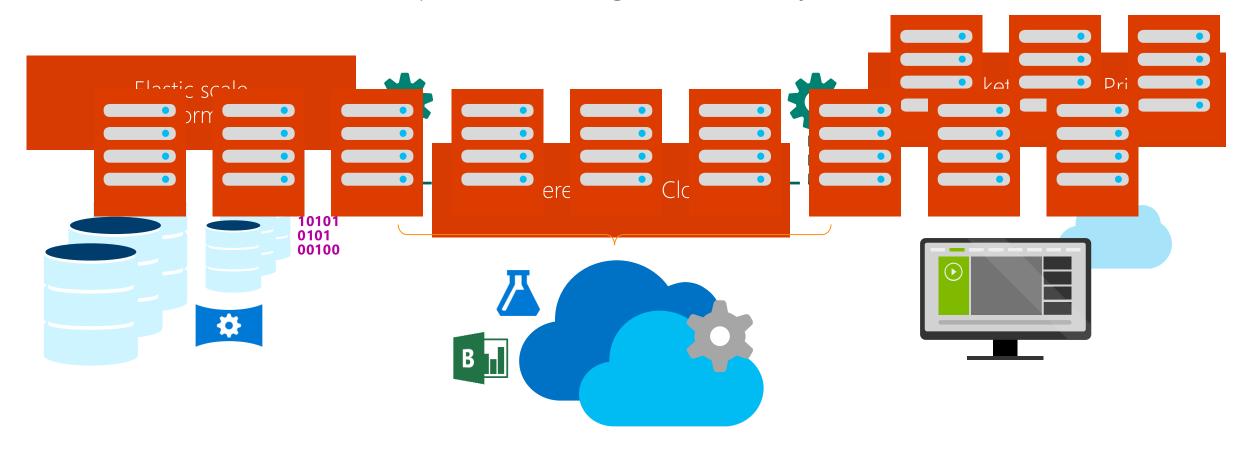
SQL Database



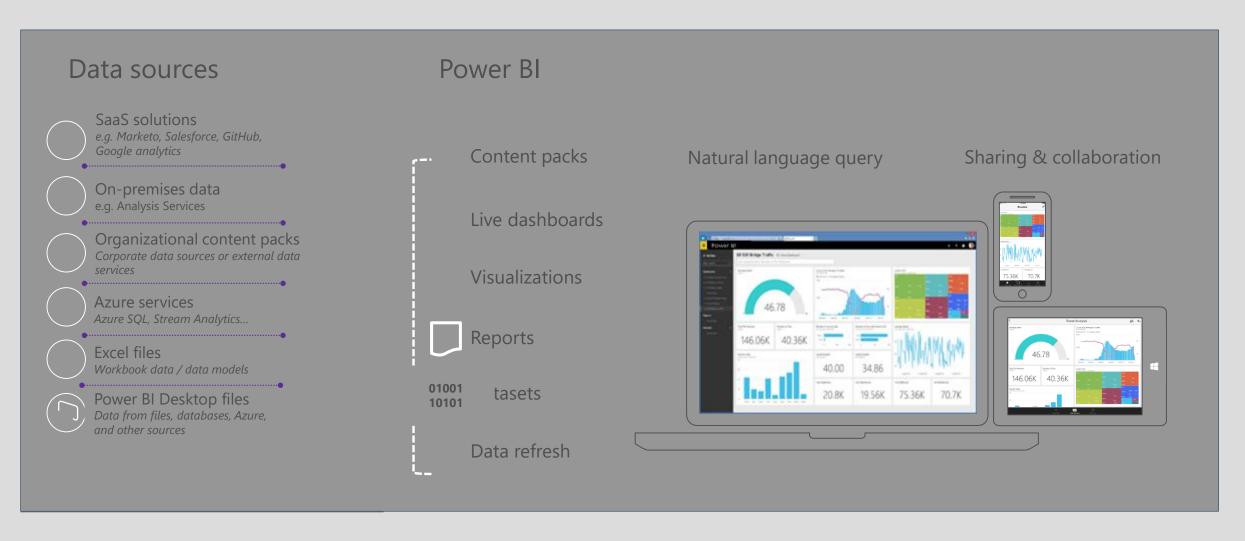
- Database Transaction Unit (DTU) is unit of measure represents relative power databases
- Provides increasing set of resources ('power') to offer increasingly higher throughput
- Rating measured using the Azure SQL Database Benchmark

Elastic Scale

- Spin up for heavy workloads, cycle down for daily activity
- Buy time to insight based on what you need, when you need it
- Choose the combo of compute and storage that meets your needs



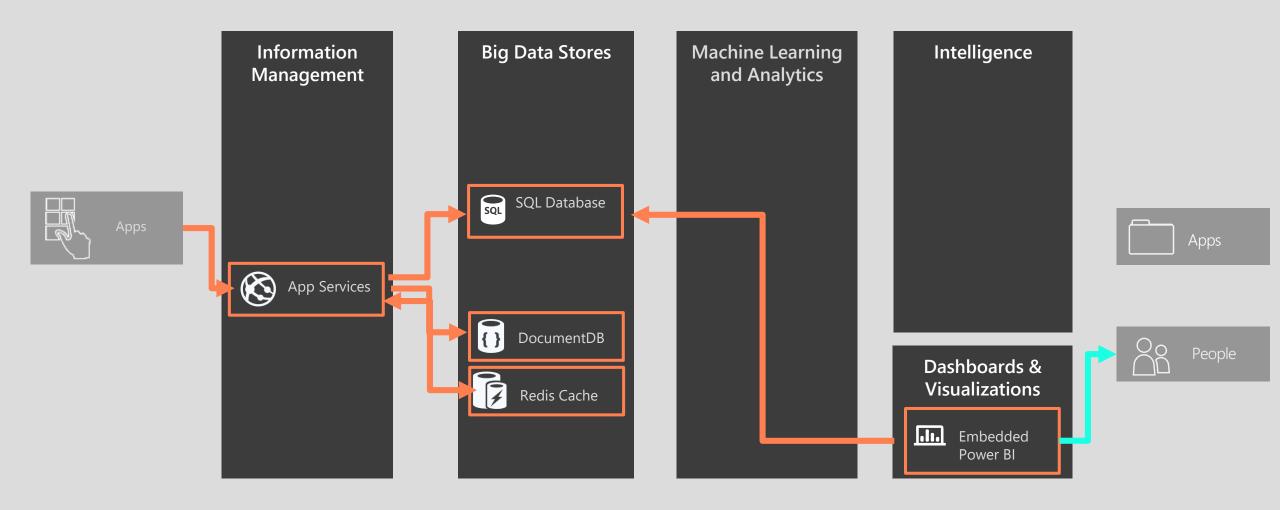
Microsoft Power BI



Create beautiful visualizations to tell compelling data stories

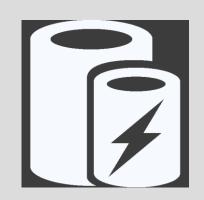
Build rich, live dashboards that turn business intelligence into real insights

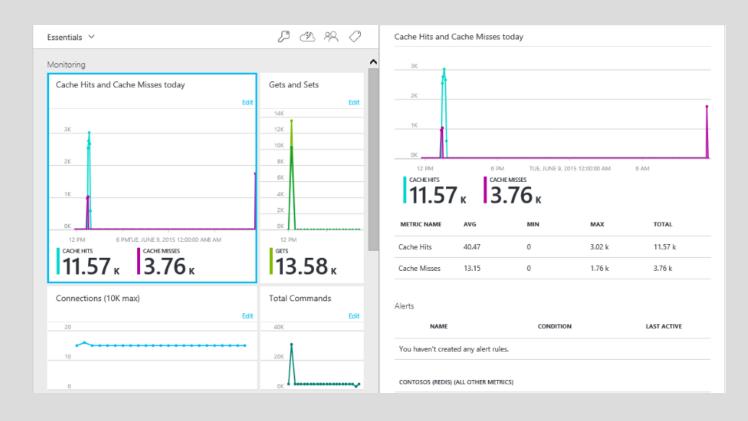
Business Applications



Redis Cache

- Dedicated, managed
 Redis cache
- Advanced key-value store
- High-availability offering





Azure DocumentDB



- NoSQL as a service
- Highly available, globally distributed
- Benefits of SQL and JavaScript, schema-free
- Guaranteed low latency write-optimised, latch-free database engine
- Protocol support for MongoDB

Azure Search



- Fully managed service search service
- Based on ElasticSearch engine
- Avoid hassle of index corruption, service availability, scaling and service updates
- Load and update with integrated indexers
- Control over search rankings with facets, weightings
- Integration with Microsoft's Natural Language Processors