

# A Quick Comparison Table of RDBMS & NoSQL Database like Cassandra

Even though the non-relational databases in the market these days provide different features and benefits, a database like Cassandra varies from a typical relational database. The following were tested:

Relational Database	Cassandra
Handles moderate incoming data velocity	Handles high incoming data velocity
Deployed in vertical scale up fashion	Deployed in horizontal scale out fashion
Manages primarily structured data	Manages all types of data
Data arriving from one/few locations	Data arriving from many locations
Supports read scalability	Supports read and write scalability
Data written in mostly one location	Data written in many locations
Centralized deployments	Decentralized deployments
Single points of failure with failover	No failure with constant uptime
Supports complex/nested transactions	Supports simple transactions
Supports moderate data volumes	Supports very high data volumes

Royal Cyber distinguishes the benefits of taking a methodical approach to product development. We support each lifecycle stage that your application will pass through. We can plan your operational & development considerations to move your data to Cassandra.