WHEN IS BLOCKCHAIN OR ANOTHER DATABASE THE RIGHT CHOICE?*

1. Is there a need for high performance (over 1,000 TPS)?
2. Is there a need to capture massive amounts of data?
3. Do one or more parties need to be able to modify entries?
4. Is there a need for a persistent historical transaction record?
5. Are contractual relationships or value exchange being managed?
6. Do multiple parties need to be able to access or audit data?
7. Can business process be represented by conditional logic?
8. Is there a need to centrally own application functionality?
9. Is there a need to centrally own application functionality?
10. Can transactions be public but hashed?
11. Are contractual relationships or value exchange being managed?
12. Is there a specialized workload?
13. Is the data structured?
14. Is there a need to scale for size or performance?

DATA WAREHOUSE
SPECIALIZED DATABASE
NOSQL DATABASE
TRADITIONAL SINGLE-SERVER OR CLUSTERED RDBMS
DISTRIBUTED/CLOUD RDBMS

*Intended as a guideline to which database may best suit the business purpose. IT professional will need to evaluate full business requirements to finalize determination.