

MongoDB

# Learning MongoDB

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# Introduction to MongoDB

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MongoDB is a document database.

MongoDB is a non-relational, non-tabular database.

Relational data is stored differently.

Instead of having multiple tables all the related data are stored together.

In MongoDB, tables are called collections.

MongoDB can be installed locally or in cloud called MongoDB Atlas

Mongosh or Compass can be used to query MongoDB

# Advantages of MongoDB

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Flexibility: MongoDB is schema-less, meaning you don't need to design a schema for the database.

Scalability: MongoDB can be horizontally scaled by distributing data across multiple servers, a process called sharding.

Performance: MongoDB is fast at inserting or updating large numbers of records. It also supports geospatial efficiently.

# MongoDB Installation

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<https://www.mongodb.com/try/download/community>

Choose MSI