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# **BIG DATA ANALYTICS**

## **MongoDB**

### **Data types**

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# MongoDB: Datatypes

# MongoDB: *Datatypes*

MongoDB supports many **datatypes**. Some of them are:

Data Type	Description
String	This is the most commonly used datatype to store the data. String in MongoDB must be UTF-8 (Unicode Transformation Format – 8-bit) valid.
Integer	This type is used to store a numerical value. Integer can be 32 bit or 64 bit depending upon your server.
Boolean	This type is used to store a boolean (true/ false) value.
Double	This type is used to store floating point values.

# MongoDB: *Datatypes*

Data Type	Description
Min/ Max keys	This type is used to <b>compare a value</b> against the <b>lowest</b> and <b>highest BSON</b> (Binary Javascript Object Notation) elements.
Arrays	This type is used to store <b>arrays</b> or <b>list</b> or <b>multiple values</b> into one key.
Timestamp	<b>ctimestamp</b> (current timestamp). This can be handy for recording when a document has been <b>modified</b> or <b>added</b> .
Object	This datatype is used <b>for embedded documents</b> .
Null	This type is used to store a <b>Null</b> value.

# MongoDB: *Datatypes*

Data Type	Description
Symbol	This datatype is used <b>identically to a string</b> ; however, it's generally reserved for languages that use a <b>specific symbol type</b> .
Date	This datatype is used to store the <b>current date or time</b> in <b>UNIX time format</b> . You can specify your own date time by creating object of Date and passing day, month, year into it.
Object ID	This datatype is used to store the <b>document's ID</b> .
Binary data	This datatype is used to store <b>binary data</b> .
Code	This datatype is used to store <b>JavaScript code</b> into the document.
Regular expression	This datatype is used to store <b>regular expression</b> .