

MongoDB



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- Document based NoSQL database
- Install from <https://www.mongodb.com/download-center/community> (Community Version)
- Available on port 27017
- Check installation: `mongo --version`
- Data stored as BSON
 - JSON documents in a binary-encoded format

mongoimport / mongoexport



- Pre built tools to load / export data from the database
- Import from a variety of formats
 - CSV, JSON
- Upon import ObjectID is automatically generated

ObjectID



- Used to identify documents
 - Think primary key
- 12 byte BSON type
 - 4 bytes - epoch
 - 3 bytes - machine identifier
 - 2 bytes - process ID
 - 3 bytes - counter (starting from random)

Let's take a look at the dataset & import it

