Migration process - attached are two folders:

1. SQL scripts containing the import of source data to MySQL db then export back to csv to use in the MongoDB db.
2. Screenshots of import of source data to MongoDB db via command line. (please note that I actually started the assignment with this step, so the source file path should technically point to the exported csv from step 1 but does not).

References: [https://learning.oreilly.com/library/view/instant-mongodb/](https://learning.oreilly.com/library/view/instant-mongodb/9781782169703/ch01s04.html)

Relational databases

**Pros**

Follows ACID principles so there is a higher level of reliability

Schema is defined so easier to query and join because you know how everything is structured in advance

**Cons**

Not good at handling unstructured data

Not good at handling large growth in amount of data (need to buy more servers)

NoSQL databases

**Pros**

Follows BASE principles so priorities availability and performance, so problems of scale are addressed.

Databases can scale without being so expensive to meet the needs of big data

Able to handle semi- to unstructured data

Development can be faster because there are no complex joins

**Cons**

Does not work for use cases where ACID principles must be followed

May be harder to understand structure and where to find data