**Flat File to MongoDB Migration Hands-on**

**Business Case**: Analyse the limitations of flat file migration.

**Process**: Analyse impact of migrating huge data in one shot.

**Main Tasks**

1. Prerequisites.
2. Bulk Data Import.



1. **Prerequisites.**
2. Get Bulk csv Data.
   1. Download [**2m Sales Records**](https://eforexcel.com/wp/wp-content/uploads/2020/09/2m-Sales-Records.zip)**.**
   2. Unzip and rename the file to SalesData2M.csv.
   3. Copy the csv file to C://data.
3. **Bulk Data Import**
4. Migrate 2M records from csv to mongodb.
   1. Log in to the Atlas account <https://account.mongodb.com/account/login>
   2. Open the Cluster, Click Browse Collections

Graphical user interface, application

Description automatically generated

* 1. Click Create Database

Table

Description automatically generated with medium confidence

* 1. Enter DB name: salesdata, Collection: salescollection, Click Create.
  2. Open cmd in your laptop, go to folder where csv is stored (C://data).
  3. Enter below line after updating username, password and hostname of the mongodb.

mongoimport --uri mongodb+srv://<Username>:<password>@<clustername>/salesdata --collection salescollection --type CSV --headerline --file SalesData2M.csv

* 1. Observe the migration of the data and the result.

