

## Case Study

# Processing Large Volume of Data with ADO.Net and Entity Framework

Typically, any enterprise applications require to handle large volume of data. While processing such a large data we need to focus on the performance of the data processing application.

### Database Setup:

1. Download the database script from the below url  
<http://www2.informatik.uni-freiburg.de/~ciegler/BX/BX-SQL-Dump.zip>
2. Create a new database called "BookUsersRating"
3. Run the scripts BX-Books, BX-Users and BX-Book-Ratings to create tables and insert sample data

### Data Access Layer

Design and Implement the Data Access Layer using

1. ADO.Net
2. Entity Framework DB First Approach
3. Identify and use the same entity classes for both ADO and EF
4. Compare the performance of ADO and EF implementation.

