

Q. Why do we need a database? We can store everything in a file, no?

Ans:

The main advantages of database over file System storage are,

- 1) Database provides a proper data recovery process while file system did not.
- 2) In terms of security the database is more secure than the file system (usually).
- 3) Databases' advantage when dealing with many records while work on file gives limitations of data.
- 4) Number of software are made to handle dataset more efficiently. Example SQL.
- 5) Software like Tableau ,PowerBi gives behavior of data by visualization with seconds.
- 5) Python have more libraries and packages regarding to analyze the data and apply logic on dataset to show required output.

