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.