

Introduction

This play talks about the different ways to create a dataframe, also some common operations on dataframe which will be handy. Python is a very important requisite for a data scientist. These operations will help you hone your python skills. These functions are imperative during data analysis, preprocessing. The blog about common operations using dataframe will be pertinent during feature engineering phase.

Objective

Pandas is a high-level data manipulation tool developed by Wes McKinney. It is built on the Numpy package and its key data structure is called the DataFrame. DataFrames allow you to store and manipulate tabular data in rows of observations and columns of variables. This play not only provides ways to create dataframe but also mentions 12 key common operations on dataframe which will come very handy during preprocessing and feature engineering.

End Point

By end this play you'll be confident about how lists, dictionaries, tuples can be manipulated to create a dataframe also 12 common operations on dataframe including iterating over its rows, which is very important.