What is MLops :

is a set of practices designed to create an assembly line for building and running machine learning models. It helps companies automate tasks and deploy models quickly, ensuring everyone involved (data scientists, engineers, IT) can cooperate smoothly and monitor and improve models for better accuracy and performance. Why we need MLops:

MLops goals:

Better model

Faster to product

Quality product

# using .get\_dummies function to convert

# the categorical datatype to numerical

# and storing the returned dataFrame

# in a new variable df1

df1 **=** pd.get\_dummies(df['Purchased'])

# using pd.concat to concatenate the dataframes

# df and df1 and storing the concatenated

# dataFrame in df.

df **=** pd.concat([df, df1], axis**=**1).reindex(df.index)

# removing the column 'Purchased' from df

# as it is of no use now.

df.drop('Purchased', axis**=**1, inplace**=**True)

# printing df

df