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In [1]: import pandas as pd

In [9]: test_df=pd.read_csv('C://Users/Gopi/Desktop/house/test.csv')

In [11]: test_df.shape
Out[11]: (1459, 80)

In [12]: test_df['LotFrontage']=test_df['LotFrontage'].fillna(test_df['LotFrontage'].mean())

In [13]: test_df['MSZoning']=test_df['MSZoning'].fillna(test_df['MSZoning'].mode()[0])

In [15]: test_df.drop(['Alley'],axis=1,inplace=True)

In [16]: test_df['BsmtCond']=test_df['BsmtCond'].fillna(test_df['BsmtCond'].mode()[0])
test_df['BsmtQual']=test_df['BsmtQual'].fillna(test_df['BsmtQual'].mode()[0])

In [17]: test_df['FireplaceQu']=test_df['FireplaceQu'].fillna(test_df['FireplaceQu'].mode()[0])
test_df['GarageType']=test_df['GarageType'].fillna(test_df['GarageType'].mode()[0])

In [18]: test_df.drop(['GarageYrBlt'],axis=1,inplace=True)

In [19]: test_df['GarageFinish']=test_df['GarageFinish'].fillna(test_df['GarageFinish'].mode()[0])
test_df['GarageQual']=test_df['GarageQual'].fillna(test_df['GarageQual'].mode()[0])
test_df['GarageCond']=test_df['GarageCond'].fillna(test_df['GarageCond'].mode()[0])

test_df.drop(['PoolQC','Fence','MiscFeature'],axis=1,inplace=True)

In [20]: test_df.drop(['Id'],axis=1,inplace=True)

In [21]: test_df['MasVnrType']=test_df['MasVnrType'].fillna(test_df['MasVnrType'].mode()[0])
test_df['MasVnrArea']=test_df['MasVnrArea'].fillna(test_df['MasVnrArea'].mode()[0])

In [22]: test_df['BsmtExposure']=test_df['BsmtExposure'].fillna(test_df['BsmtExposure'].mode()[0])

In [23]: test_df['BsmtFinType2']=test_df['BsmtFinType2'].fillna(test_df['BsmtFinType2'].mode()[0])

In [24]: test_df.loc[:, test_df.isnull().any()].head()
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Out[24]:

	Utilities	Exterior1st	Exterior2nd	BsmtFinType1	BsmtFinSF1	BsmtFinSF2	BsmtUnfSF	TotalBsmtSF	BsmtFullBath	Bsmtl
0	AllPub	VinylSd	VinylSd	Rec	468.0	144.0	270.0	882.0	0.0	
1	AllPub	Wd Sdng	Wd Sdng	ALQ	923.0	0.0	406.0	1329.0	0.0	
2	AllPub	VinylSd	VinylSd	GLQ	791.0	0.0	137.0	928.0	0.0	
3	AllPub	VinylSd	VinylSd	GLQ	602.0	0.0	324.0	926.0	0.0	
4	AllPub	HdBoard	HdBoard	ALQ	263.0	0.0	1017.0	1280.0	0.0	

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In [25]: test_df['Utilities']=test_df['Utilities'].fillna(test_df['Utilities'].mode()[0])
test_df['Exterior1st']=test_df['Exterior1st'].fillna(test_df['Exterior1st'].mode()[0])
test_df['Exterior2nd']=test_df['Exterior2nd'].fillna(test_df['Exterior2nd'].mode()[0])
test_df['BsmtFinType1']=test_df['BsmtFinType1'].fillna(test_df['BsmtFinType1'].mode()[0])
test_df['BsmtFinSF1']=test_df['BsmtFinSF1'].fillna(test_df['BsmtFinSF1'].mean())
test_df['BsmtFinSF2']=test_df['BsmtFinSF2'].fillna(test_df['BsmtFinSF2'].mean())
test_df['BsmtUnfSF']=test_df['BsmtUnfSF'].fillna(test_df['BsmtUnfSF'].mean())
test_df['TotalBsmtSF']=test_df['TotalBsmtSF'].fillna(test_df['TotalBsmtSF'].mean())
test_df['BsmtFullBath']=test_df['BsmtFullBath'].fillna(test_df['BsmtFullBath'].mode()[0])
test_df['BsmtHalfBath']=test_df['BsmtHalfBath'].fillna(test_df['BsmtHalfBath'].mode()[0])
test_df['KitchenQual']=test_df['KitchenQual'].fillna(test_df['KitchenQual'].mode()[0])
test_df['Functional']=test_df['Functional'].fillna(test_df['Functional'].mode()[0])
test_df['GarageCars']=test_df['GarageCars'].fillna(test_df['GarageCars'].mean())
test_df['GarageArea']=test_df['GarageArea'].fillna(test_df['GarageArea'].mean())
test_df['SaleType']=test_df['SaleType'].fillna(test_df['SaleType'].mode()[0])

In [26]: test_df.to_csv('formulatedtest.csv',index=False)
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