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[25]: import pandas as pd
import numpy as np
from sklearn.model_selection import train_test_split
from sklearn.linear_model import LinearRegression
from sklearn.metrics import mean_squared_error, r2_score
from sklearn.preprocessing import StandardScaler
from tensorflow.keras.models import Sequential
from tensorflow.keras.layers import Dense
import matplotlib.pyplot as plt
import seaborn as sns

[26]: # Cargar los datos
df = pd.read_csv("train.csv")

# Seleccionamos solo variables numéricas
df_num = df.select_dtypes(include=[np.number])

# Eliminamos las filas con valores nulos
df_num = df_num.dropna()

# Separar variables predictoras (X) y variable objetivo (y)
X = df_num.drop(columns=["SalePrice", "Id"])
y = df_num["SalePrice"]

scaler = StandardScaler()
X_scaled = scaler.fit_transform(X)

# División de los datos
X_train, X_test, y_train, y_test = train_test_split(X_scaled, y, test
```