import pandas as pd

import pickle

csv\_file\_path = '\data\_test\Low-fidelity output + High-fidelity prediction residuals (Active learning)\_test.csv'

data = pd.read\_csv(csv\_file\_path, encoding='GBK')

model\_save\_path = '\Linear model\linear\_model.pkl'

with open(model\_save\_path, 'rb') as file:

loaded\_model = pickle.load(file)

X = data[['Final value']]

y\_pred = loaded\_model.predict(X)

data['liner value'] = y\_pred

print(data.head())

data.to\_csv('\liner\_regression\_results\_test.csv', index=False, encoding='GBK')