Import seaborn as sns

Import numpy as np

Import datetime

Import pandas as pd

hr['DateofHire'] = pd.to\_datetime(hr['DateofHire'])

hr['DateofTermination'] = pd.to\_datetime(hr['DateofTermination'])

def len\_of\_employment(x):

if pd.isnull(x["DateofTermination"]):

return (pd.Timestamp.today() - x['DateofHire']) / np.timedelta64(1, 'Y')

else:

return (x['DateofTermination'] - x['DateofHire']) / np.timedelta64(1, 'Y')

def terminated(x):

if pd.isnull(x['DateofTermination']):

return "No"

else:

return "Yes"

hr['LengthofEmployment'] = hr.apply(len\_of\_employment, axis=1)

hr['CurrentlyEmployed'] = hr.apply(terminated, axis =1)

long\_graph = sns.displot(data= hr, x= "LengthofEmployment", hue = 'CurrentlyEmployed', bins = 15)