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# -*- coding: utf-8 -*-
"""
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Creating Prediction time series for cumulative dataset
"""
#import libraries

import pandas as pd
import numpy as np
import matplotlib.pyplot as plt
#create dataset

dataset = pd.read_csv(r'C:\Users\Debanjan\Desktop\novel-corona-virus-2019-dataset (3)\PredictedResu

X = dataset.iloc[:,4].values.astype(float)

X = np.diff(X)
X = X.reshape(-1,1)
X = abs(X)
Xnew = np.cumsum(X)
Xnew= Xnew.reshape(-1,1)
M = 3540 # Enter Max value from the past cumulative dataset
Xnew = Xnew + M # Create cumulative scaled predicted series
plt.plot(Xnew)

```