INPUT:

import pandas as pd

import matplotlib.pyplot as plt

def read\_bitcoin\_data(file\_path):

    # Read Bitcoin data from CSV file

    df = pd.read\_csv(file\_path)

    return df

def plot\_bitcoin\_price(df):

    # Plotting

    plt.figure(figsize=(12, 6))

    plt.plot(df['date'], df['price'], color='blue', linewidth=1)

    plt.title('Bitcoin Price (USD) Over Time')

    plt.xlabel('date')

    plt.ylabel('price')

    plt.grid(True)

    plt.show()

def main():

    file\_path = '/content/bitcoin\_dataset.csv'  # Provide the path to your CSV file

    bitcoin\_data = read\_bitcoin\_data(file\_path)

    plot\_bitcoin\_price(bitcoin\_data)

if \_\_name\_\_ == "\_\_main\_\_":

    main()

OUTPUT:

