```python
In [ ]:  ###necessary libraries
         import pandas as pd
         import glob
         import os
         from datetime import datetime, timezone
         import re
         import numpy as np
         import itertools
         from functools import reduce

         ##folder of stockprice
         path_stockprices = r'C:\Users\victo\Master_Thesis\stockprice_data\renault\daily_sto
         ck_prices'

         price_return = []
         volume_onehot = []

         for file in glob.iglob(path_stockprices + '\*.csv'):
             df_daily_stock_prices = pd.read_csv(file,
                                                 sep=',',
                                                 )
             ## calculating price difference between close and open prices
             df_daily_stock_prices['return'] = df_daily_stock_prices['CLOSE'] - df_daily_sto
         ck_prices['OPEN'].shift(1)
             df_daily_stock_prices['return'] = df_daily_stock_prices['return'].fillna(0)

             ## one hot encoding of stock price differences
             for r in df_daily_stock_prices['return']:
                 if r > 0:
                     stock_return = 1
                     price_return.append(stock_return)
                 else:
                     stock_return = 0
                     price_return.append(stock_return)

             df_daily_stock_prices['return_one_hot_encoded'] = price_return

             ## calculating if volume has grown from one minute to the other
             df_daily_stock_prices['volume_difference'] = df_daily_stock_prices['VOLUME'] -
         df_daily_stock_prices['VOLUME'].shift(1)
             df_daily_stock_prices['volume_difference'] = df_daily_stock_prices['volume_diff
         erence'].fillna(0)

             ## one hot encoding of volume
             for v in df_daily_stock_prices['volume_difference']:
                 if v > 0:
                     volume = 1
                     volume_onehot.append(volume)
                 else:
                     volume = 0
                     volume_onehot.append(volume)

             df_daily_stock_prices['volume_one_hot_encoded'] = volume_onehot

             ##saving file
             df_daily_stock_prices.to_csv(r'C:\Users\victo\Master_Thesis\stockprice_data\ren
         ault\daily_stockpricefiles_with_return\renaultprices_with_onehotencoding.csv', inde
         x=False)
             print('File has been saved!')
```