

In [56]:

In [57]:

In [58]:

Out[58]:

In [59]:

In [60]:

Out[60]:

import numpy as np
import pandas as pd
import seaborn as sns

import warnings

project3.head()

AMZN 2022-10-24

AMZN 2022-10-25

AMZN 2022-10-26

AMZN 2022-10-27

AMZN 2022-10-28

company

company

import matplotlib.pyplot as plt

project3 = pd.read\_csv('results.csv')

date avg\_volatility max\_volatility min\_volatility

1.39

1.16

1.23

2.00

3.00

0.0

0.0

0.0

0.0

0.0

Average volatility trend per company

0.319658

0.209882

0.341453

0.416774

0.529327

#Graphing the average volatility trend per company.

#The most volatile company company is COSTCO

sns.lineplot('date', 'avg\_volatility', ci=None,

sns.set(rc={'figure.figsize':(20.7,20.27)})

hue='company', data=project3)

Text(0.5, 1.0, 'Average volatility trend per company')

plt.title('Average volatility trend per company', fontsize=16)

warnings.filterwarnings("ignore")