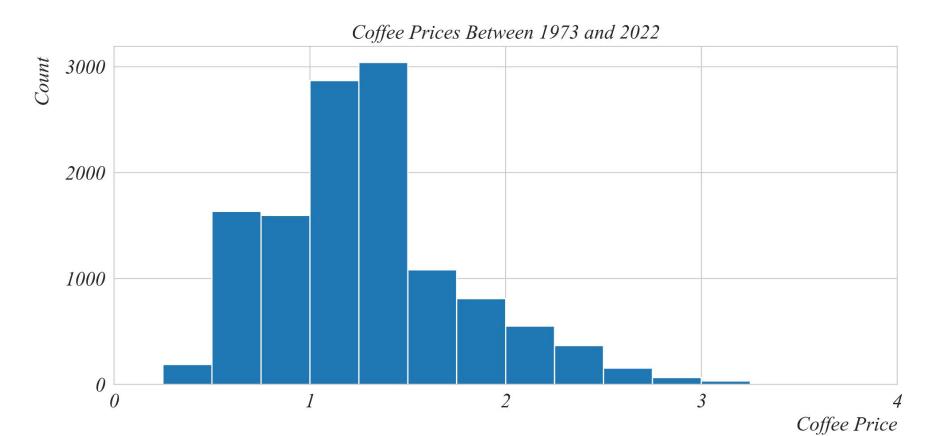
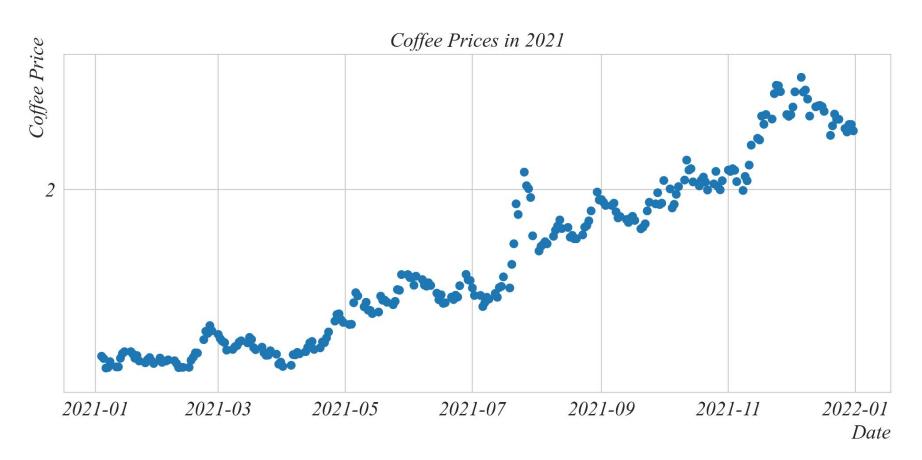
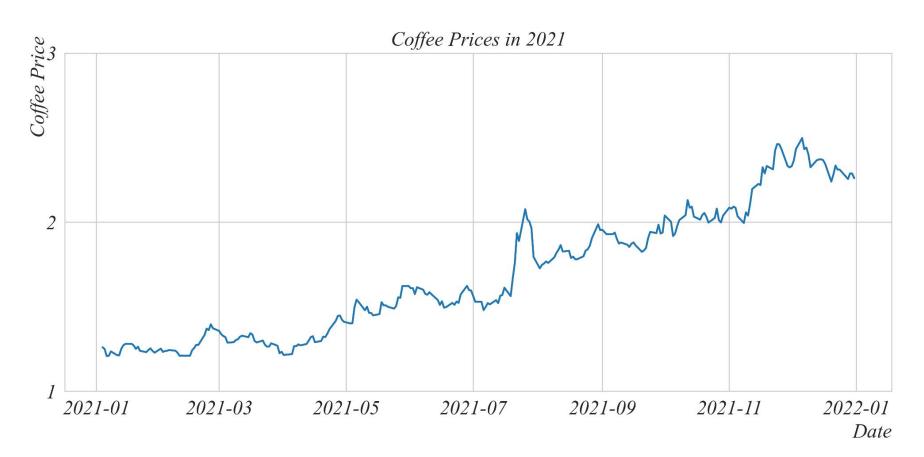
Making Decisions with Visual Data

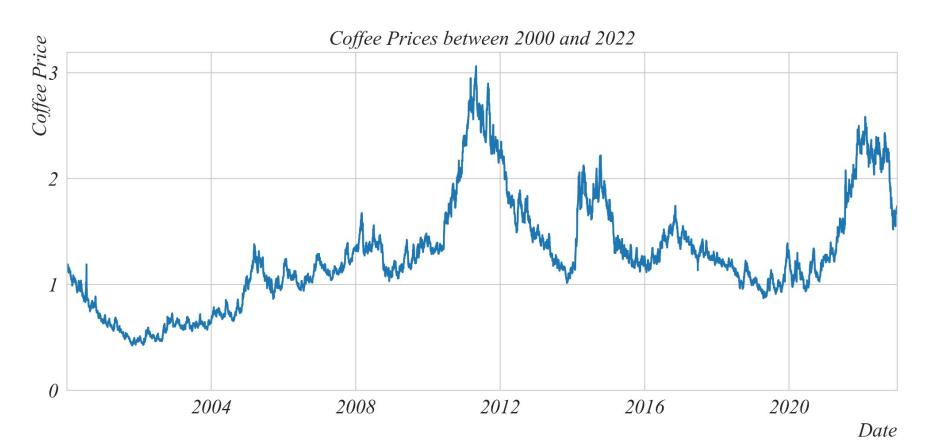
Part 1.7 Data Connected Through Time

Taylor Weidman

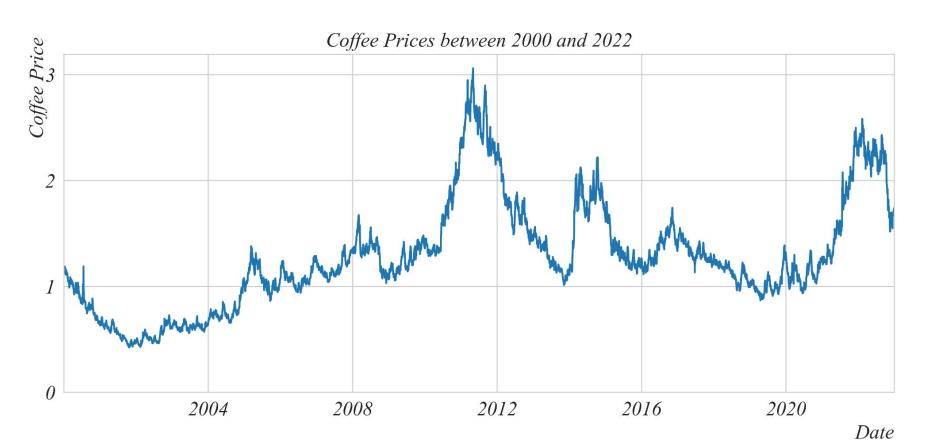




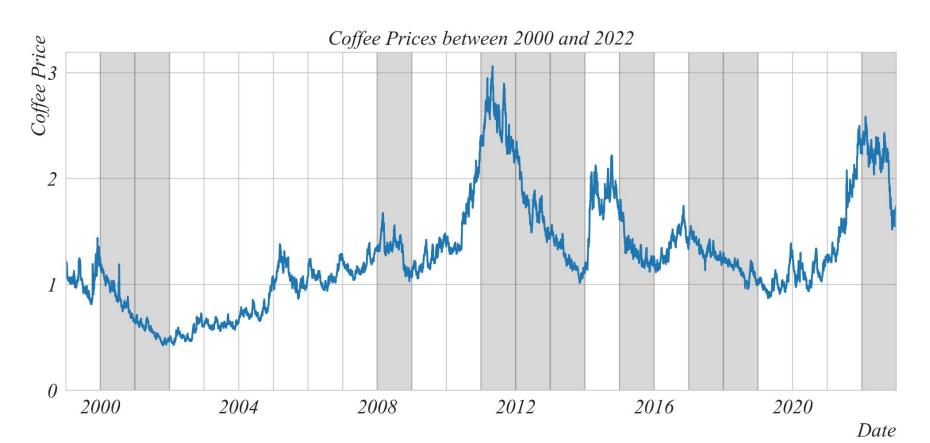


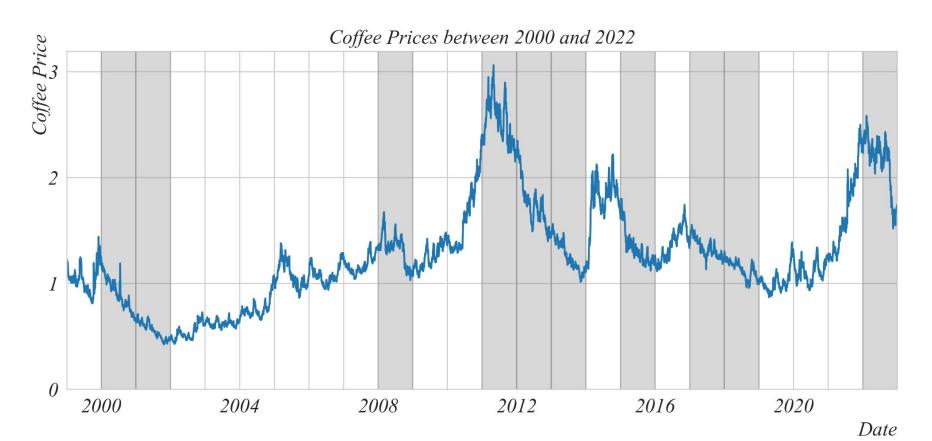


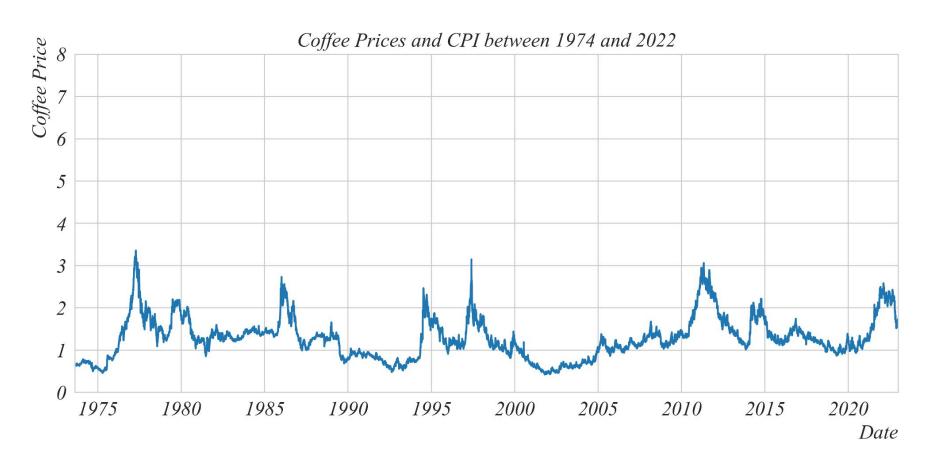
Q. Which years does the price of coffee decrease?

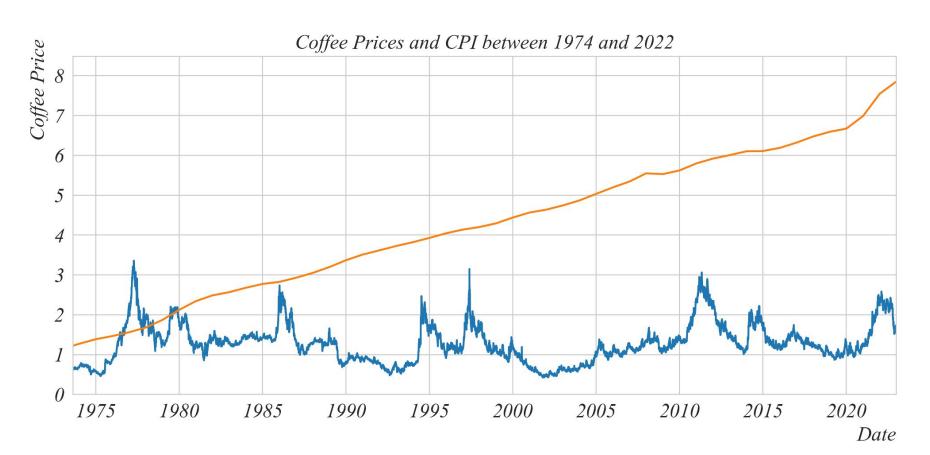


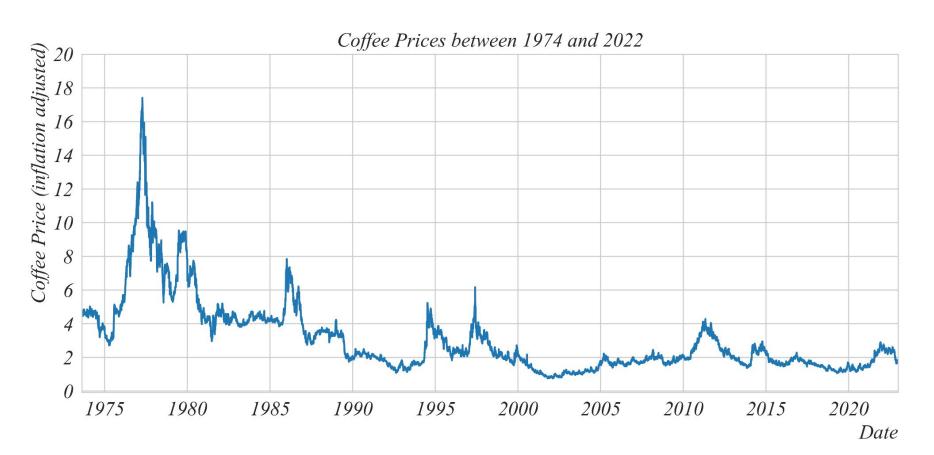
Q. Which years does the price of coffee decrease?









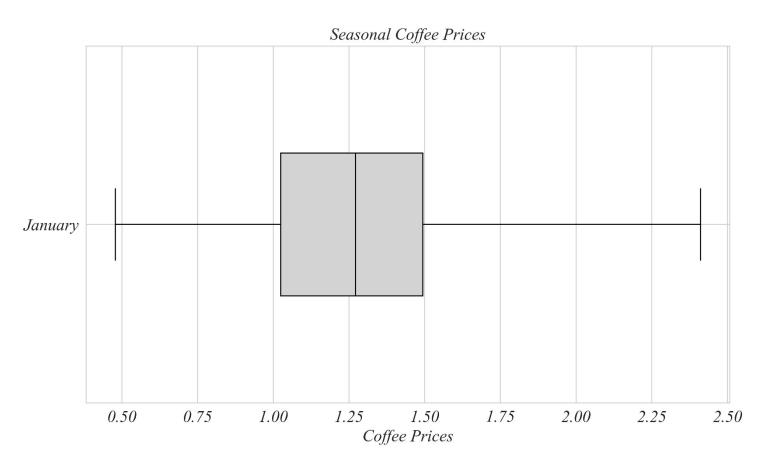


Excel Exercise: Timeseries

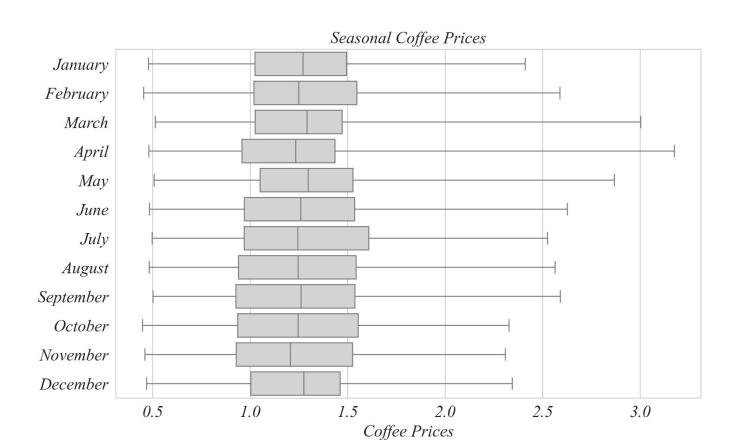
We're going to use a timeseries to visually examine coffee price through time.

- Data: Part_1_7_Coffee_Prices_CPI.csv

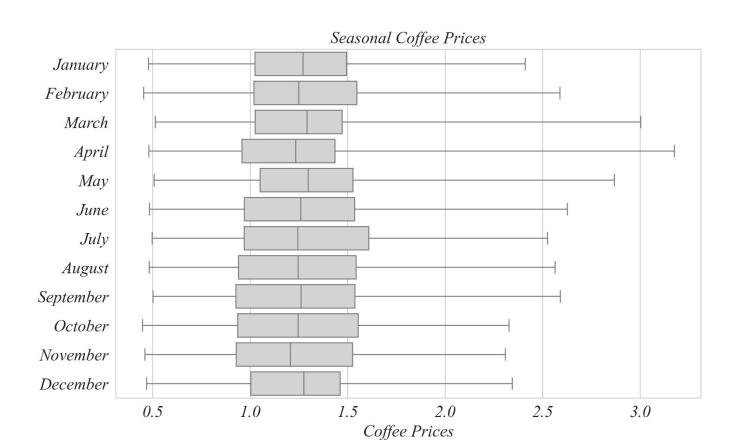
Q. Year matters. But within the year, does month matter?



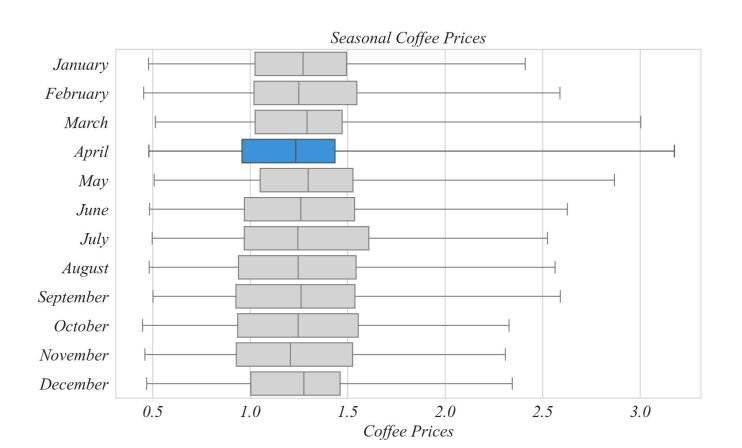
Q. Year matters. But within the year, does month matter?



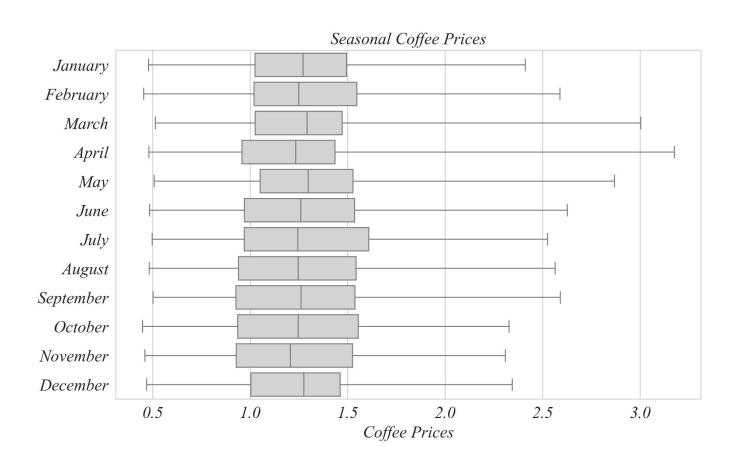
Q. In which month was the record highest price set?



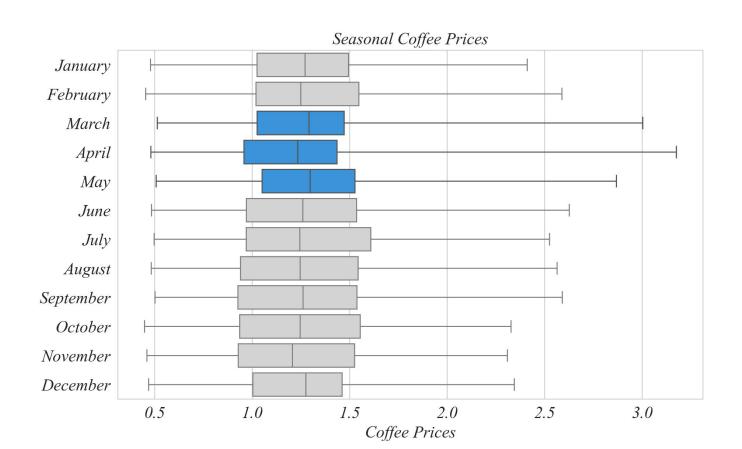
Q. In which month was the record highest price set?



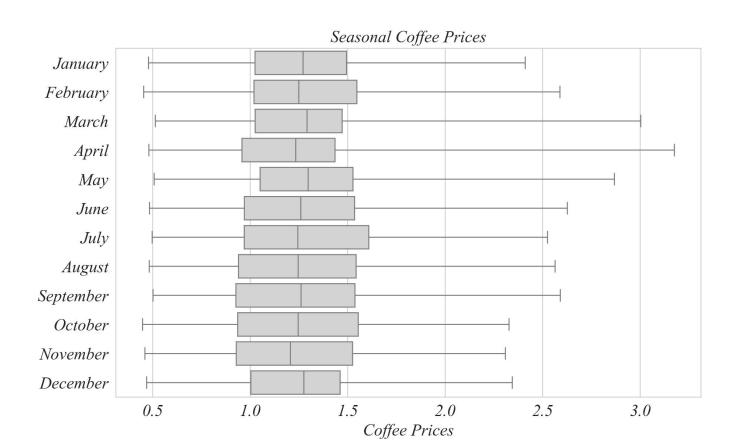
Q. In which season are prices most spread out?



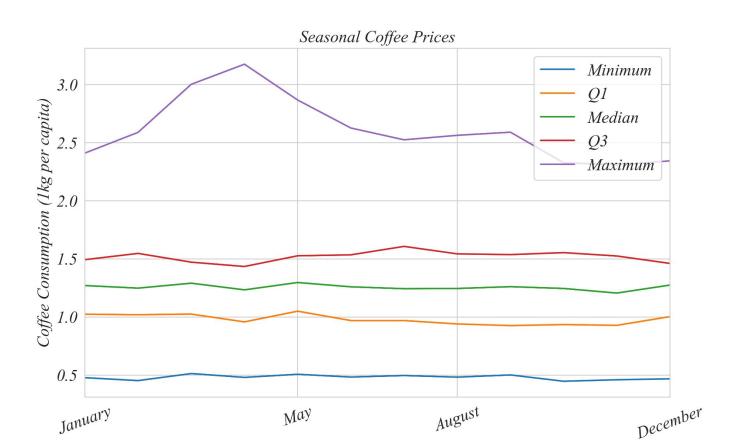
Q. In which season are prices most spread out?



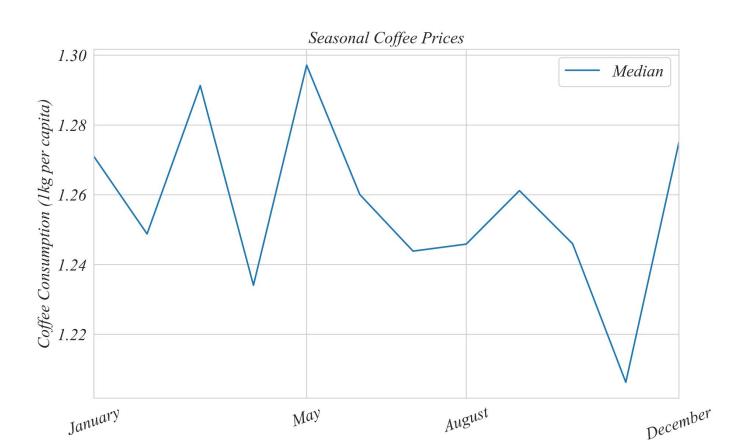
Q. What's the trend in the median price?



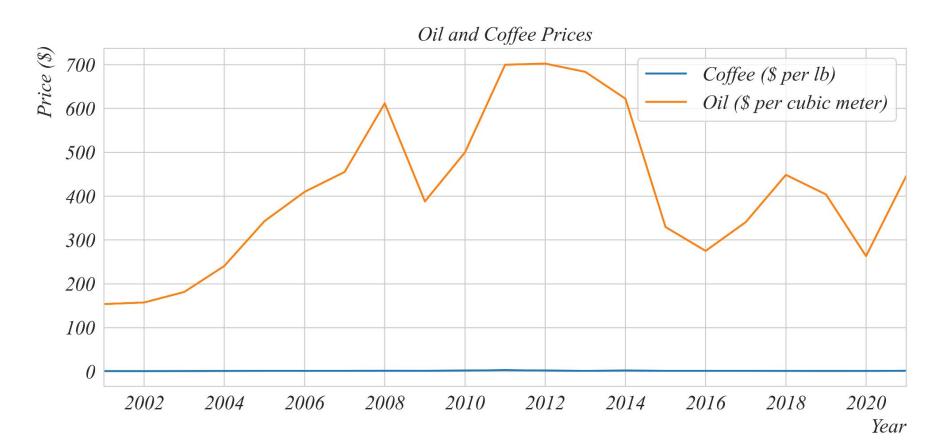
Timeseries: Data Connected Through Time Q. What's the trend in the median price?



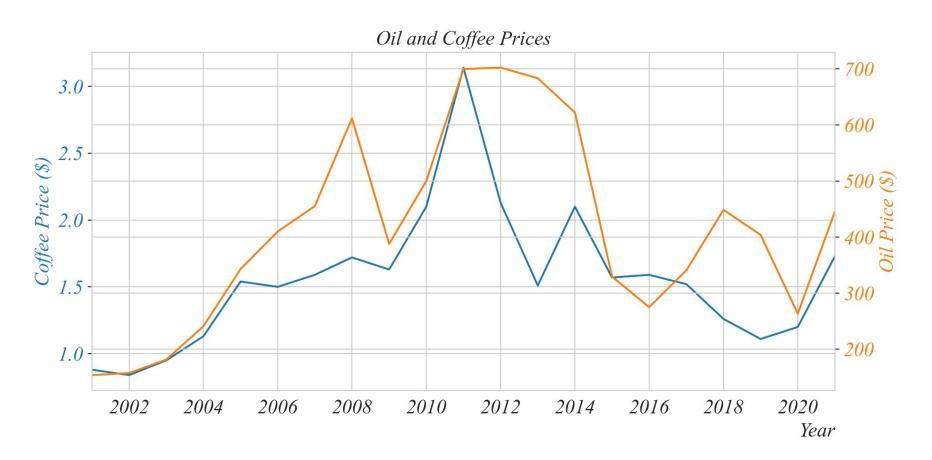
Q. What's the trend in the median price?



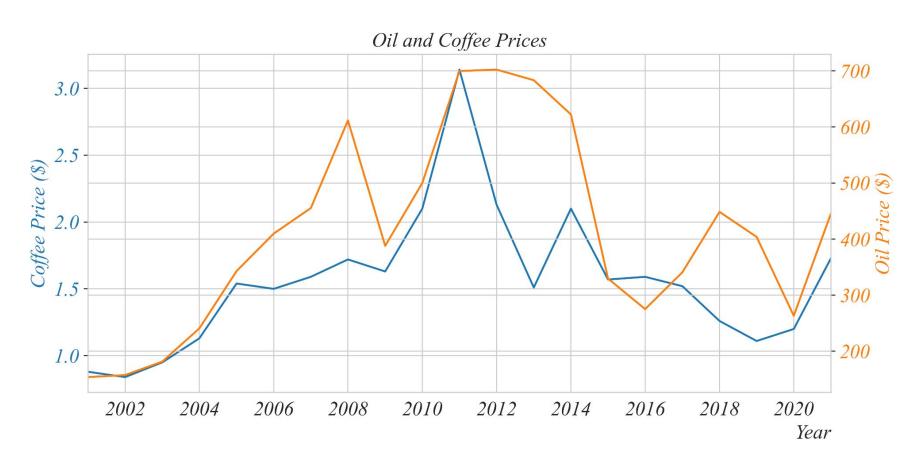
Q. How to the two *commodity* prices relate to each other?



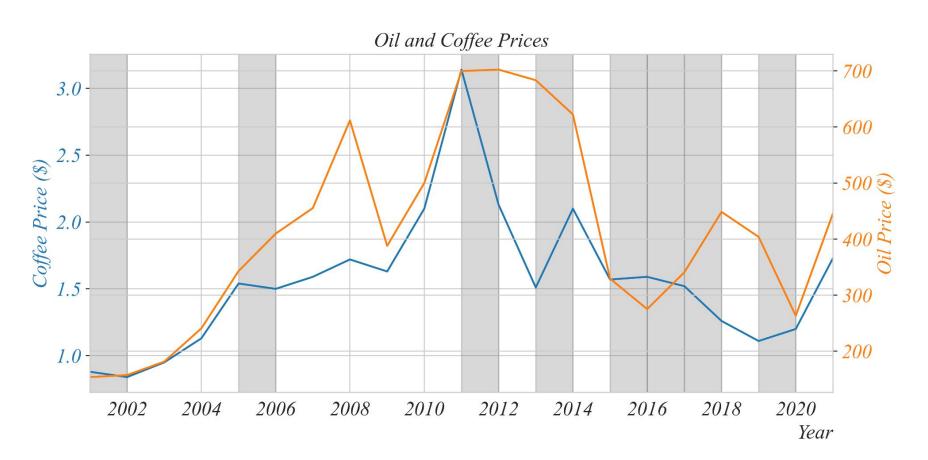
Q. How to the two *commodity* prices relate to each other?



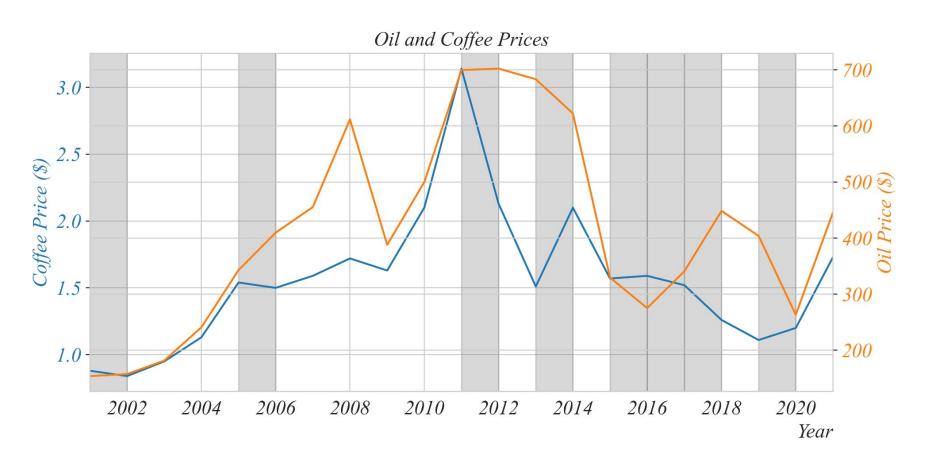
Q. In which years did oil and coffee prices move in *opposite* directions?



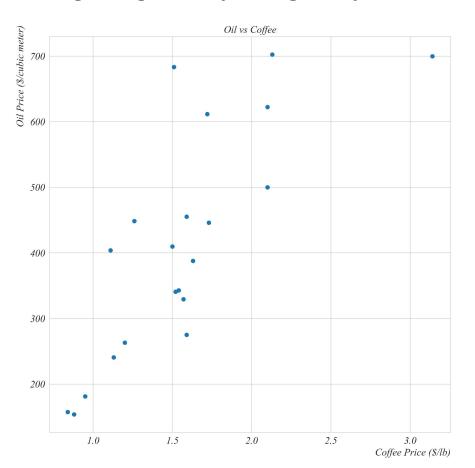
Q. In which years did oil and coffee prices move in *opposite* directions?



Q. But are the two prices positively or negatively related to each other?



Timeseries: Relationships Through Time Q. But are the two prices positively or negatively related to each other?



Timeseries: Relationships Through Time Q. Does the price of oil determine the price of coffee?

