Top 5 Investors who invested in different startups

How does the code work?

- Initially we are importing all the required modules which are pandas, matplotlib, numpy as csv.
- We are reading the .csv file and storing the data in 'df'.
- Using the dropna function we are removing the rows with NaN values in the columns 'InvestorName' and 'StartupName'.
- We are correcting the names of Flipkart, Oyo, Ola and Paytm using the replace function.
- We are adding all the items from 'InvestorName' column and 'StartupName' to the lists 'investors' and 'startups' respectively.
- We are creating an empty dictionary 'd'.
- For every item in investors list we are splitting the item using comma(,) and naming the new list of investor names as 'invest'.
- For every investor in the list 'invest', we are stripping the name.
- After stripping the name, we are ensuring that the investor is not empty.
- We are checking if the investor is already present in dictionary, if yes we are adding the startup in which this investor has invested. As we are storing the startup names in a dictionary as values to the investor, we will eliminate duplicate startups.
- If the investor isn't present in dictionary we are creating a new key with the investor's name and adding the corresponding startup name as the value.
- For all the keys in dictionary we are changing the value to the number of values present. This value represents number of unique startups the investor has invested in.
- We are creating numpy arrays for the investors and number of investments they have made.
- Using argsort we are finding the indexes the top 5 values of investments.
- Using these indices, we are finding out the top 5 investors who have invested in different startups.
- The top 5 investors are:
  - `Sequoia Capital`
  - `Accel Partners`
  - `Kalaari Capital`
  - `Indian Angel Network`
  - `Blume Ventures`

Conclusion:
I would suggest my friend to contact these investors for fundings as they have invested in different startups instead of investing in same startup multiple times.