

#### Question 4 -

Even after putting so much effort in finding the probable investors, it didn't turn out to be helpful for your friend. So you went to your investor friend to understand the situation better and your investor friend explained to you about the different Investment Types and their features. This new information will be helpful in finding the right investor. Since your friend startup is at an early stage startup, the best-suited investment type would be - Seed Funding and Crowdfunding. Find the top 5 investors who have invested in a different number of startups and their investment type is Crowdfunding or Seed Funding. Correct spelling of investment types are - "Private Equity", "Seed Funding", "Debt Funding", and "Crowd Funding". Keep an eye for any spelling mistake. You can find this by printing unique values from this column. There are many errors in startup names. Ignore correcting all, just handle the important ones - Ola, Flipkart, Oyo and Paytm.

#### ANSWER -

Indian Angel Network 33  
Rajan Anandan 23  
Anupam Mittal 16  
LetsVenture 16  
Kunal Shah 14

#### EXPLANATION -

In this problem first we have corrected all the names in StartupName and InvestmentType column . and keeping only those rows in our dataframe where investment type is is Crowdfunding or Seed Funding .then we are finding all the investors and in which startup company they have invested and storing it in two lists.

Using these lists we are creating a new dataframe with two columns INVESTORS and STARTUP using dataframe.drop\_duplicates() function we are deleting duplicate rows from our dataframe.

That means, if one investor has invested multiple times in one startup, we are counting one for that company. Finally Using value\_counts we are finding top 5 investors who have invested maximum number of times in different companies .

#### GRAPH -



