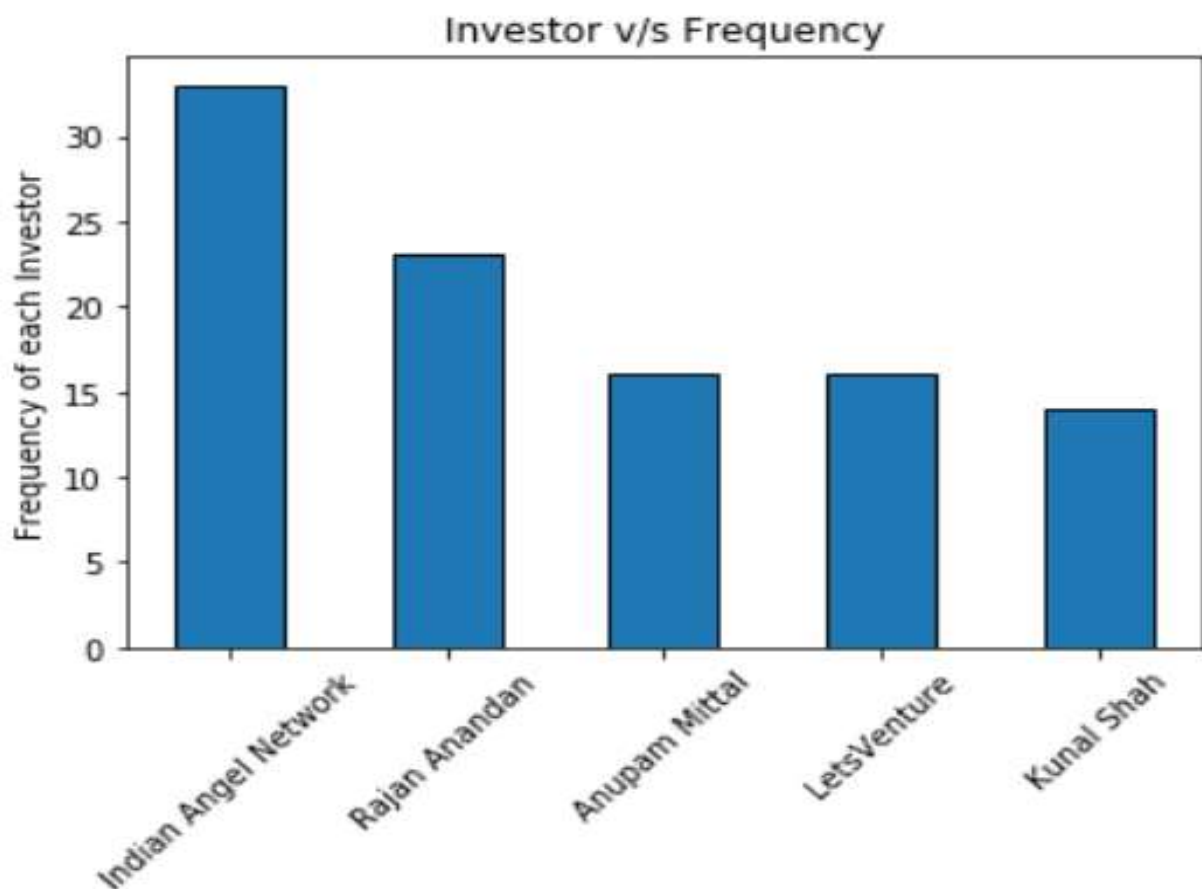


## Question 4

### Logic for Code:

- First I imported pandas library and created a pandas data frame of the startup excel file. Matplotlib function is imported for plotting graphs.
- Correcting spell errors in Startup Columns of the Data Frames, spell error in oyo , ola, paytym and flipkart
- Separating investors who have invested in investment of type seed funding and crowd funding
- Splitting investors separated by comma into new Data Frame and grouping by row of this new column according to unique startup name
- Extracting all the investors from the group by function and adding these investors in a set so that we can get unique investors only.
- Appending these unique investors for each startup in a list and converting list into a dictionary
- Retrieving top 5 max entries from dictionary

### Advice:



Top 5 Unique Investors Who have invested in Crowd and Seed Funding Startup

- We can Deduce from graph that these are top 5 investors who have invested in investment of type seed funding and crowd funding
- 1031 investment are of seed funding type ,2 investment are of crowdfunding type in Data frame

Indian Angel Network 33

Rajan Anandan 23

LetsVenture 16

Anupam Mittal 16

Kunal Shah 14