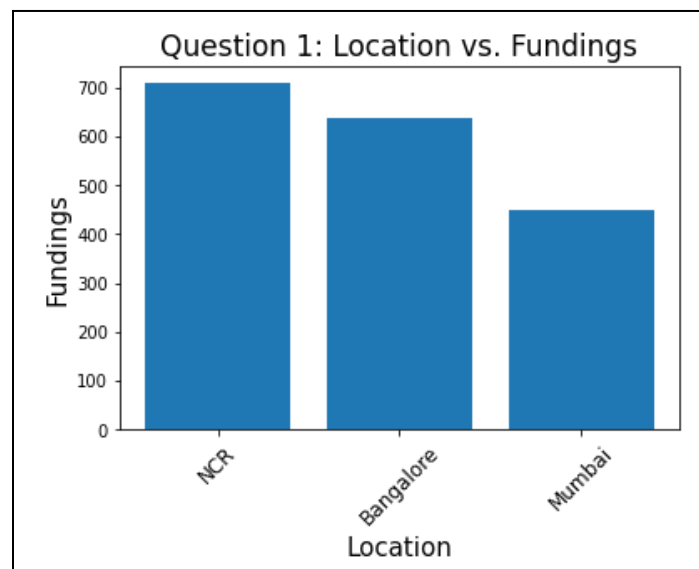# Project: Case Study (Part - II)

**Answer 1.**

Of the 3 options to choose from, the location where startups receive funding most frequently is in NCR (Gurgaon, Noida and New Delhi).

| Location | Number of Fundings |
|----------|--------------------|
| NCR | 709 |
| Bangalore | 637 |
| Mumbai | 449 |



*Explanation:*

Select relevant columns, then split records with multiple locations using `.explode()` and correct location names
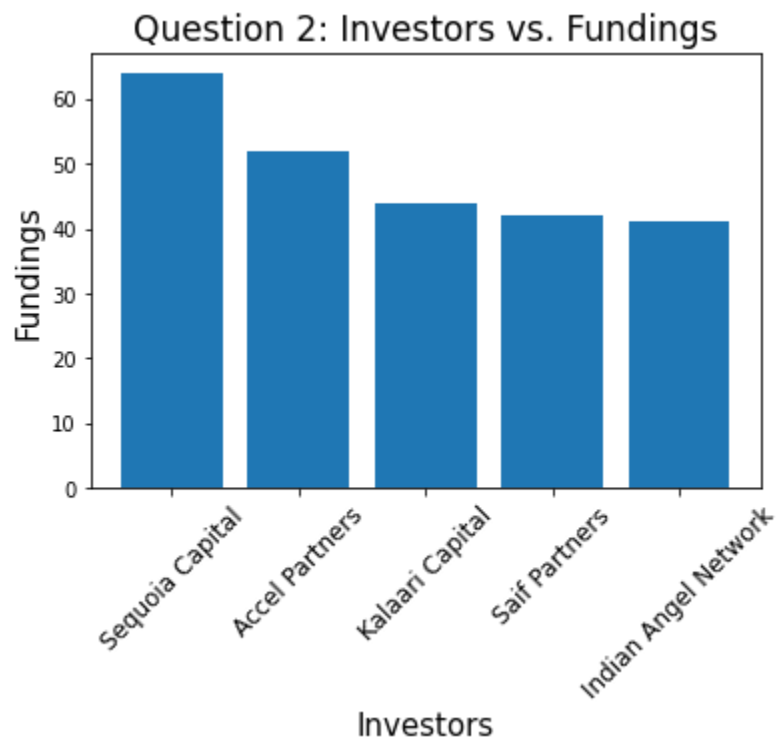
Change the names of the locations included in the NCR location.

Count values for each location and plot.

**Answer 2.**

Investors who have invested most frequently (considering multiple investments) in a single company are:

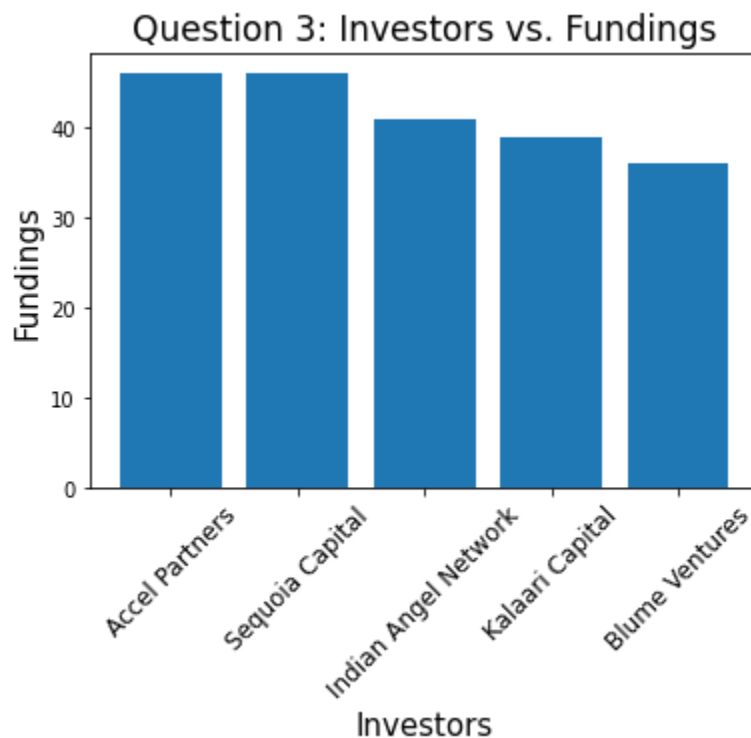| Inverstor Name | Startup investments |
|---|---|
| Sequoia Capital | 64 |
| Accel Partners | **52** |
| Kalaari Capital | 44 |
| Saif Partners | **42** |
| Indian Angel Network | 41 |



*Explanation:*

Select the relevant columns and generate a row for each investor using `.explode()`,then remove the `'Undisclosed'` values and normalize capitalization using `.title()`.

Count the number of investments for each startup.

**Answer 3.**

Top 5 investors who have invested in the highest number of different startups are:

| Inverstor Name | Startup investments |
|---|---|
| Accel Partners | 46 |
| Sequoia Capital | **46** |
| Indian Angel Network | 41 |
| Kalaari Capital | **39** |
| Blume Ventures | 36 |



*Explanation:*

Select relevant columns and process records with multiple investors using `.explode()`, use .title() to normalize values. Replace empty records with `np.nan` and remove them.
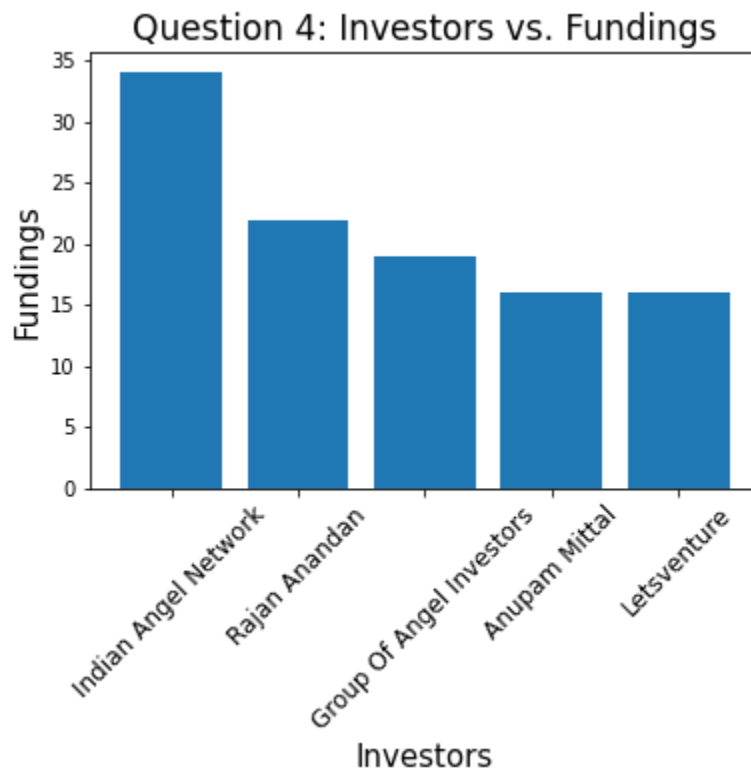
Correct typographical errors in startup names and standardize capitalization using `.title()`. Group columns and count unique combinations with `.value_counts()`.

Print the response and plot the data.

**Answer 4.**

Investors who have invested in the largest number of distinct startups. Crowdfunding or Seed Funding only:

| Inverstor Name | Startup investments |
|---|---|
| Indian Angel Network | 34 |
| Rajan Anandan | **22** |
| Group Of Angel Investors | 19 |
| Anupam Mittal | **16** |
| Letsventure | 16 |



*Explanation:*

Select relevant columns and remove `pd.nan` values, separate multiple records using `.split()` and `.explode()`, remove `'Undisclosed'` values, convert empty records to `pd.nan` using `.replace()`, and normalize capitalization using `.title()`.

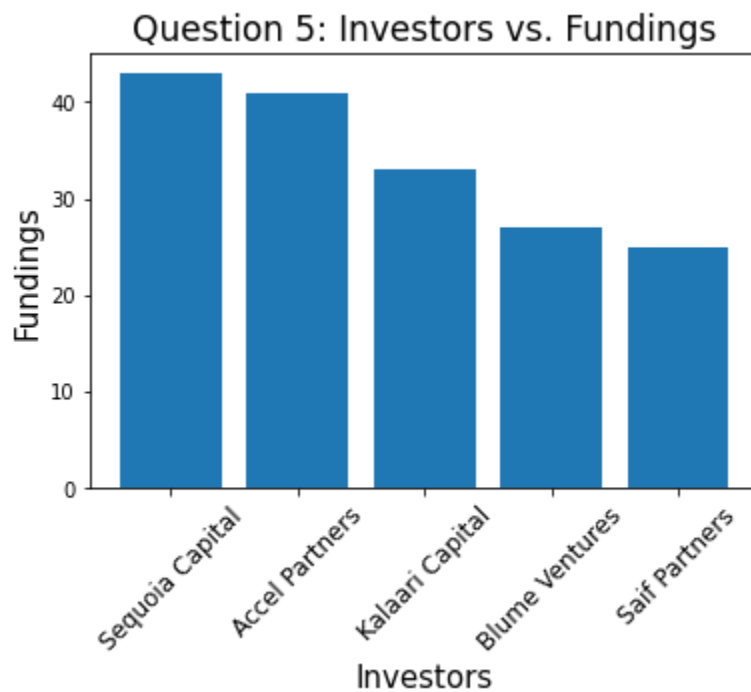Correct typographical errors in 'StartupName' and 'InvestmentType'.

Count unique combinations when investments are Crowd Funding and Seed Funding.

Print the result and plot.

**Answer 5.**

Investors who have invested in the largest number of distinct startups. Private Equity only:

| Inverstor Name | Startup investments |
|---|---|
| Sequoia Capital | 43 |
| Accel Partners | **41** |
| Kalaari Capital | 33 |
| Blume Ventures | **27** |
| Saif Partners | 25 |



*Explanation:*

Select relevant columns and remove pd.nan values, separate multiple records using .split() and .explode(), remove 'Undisclosed' values, convert empty records to pd.nan using .replace(), and normalize capitalization using .title().

Correct typographical errors in 'StartupName' and 'InvestmentType'.

Count unique combinations when investments are Private Equity.

Print the result and plot.