

## Activity - Stratified Sampling

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### Problem Statement :

We want to find out the maximum amount of funding given to any startup in the following regions -

Bangalore

NCR (which includes New Delhi, Gurgaon and Noida)

Mumbai

Pune

Hyderabad

So create your population data first by extracting those startups which are in given cities.

Then rather than using SRS for extracting the sample, create 5 different strata based on 5 regions and then apply stratified sampling on these 5 strata to extract a sample of size 100 startups (taking 20 values from each stratum)

Find and print Sampling errors.

### Note:

Take the city name "Delhi" as "New Delhi".

Check the case-sensitiveness of cities also. That means - at someplace, instead of "Bangalore", "bangalore" is given. Take city name as "Bangalore"