User datasets

Asia Pacific Network Information Centre (APNIC) provides all IP address blocks allocated to Australia. We use an IP lookup service (IP-API) to convert the obtained IP addresses into geographical locations. Since IP addresses in the last octet are likely to have identical geographical addresses returned by IP-API, you might have to generate more end-users (uniformly generated around each of the obtained geographical locations, etc.).

The up-to-date IP address blocks managed by APNIC can be found here (ftp://ftp.apnic.net/public/apnic/stats/apnic/delegated-apnic-extended-latest). You can then use this tool to convert the IP format which APNIC releases into CIDR format.

Below is the polygon coordinates of the Melbourne CBD area, which can be used to get all users within the area.
MELBOURNE_CBD_POLYGON = [(144.9513187173424,-37.81313439053935), (144.9549965367283,-37.82117612446662), (144.9748200238013,-37.81524024624075), (144.9715203527905,-37.80786609093214), (144.9705381920906,-37.80755065732971), (144.9513187173424,-37.81313439053935)]

In order to view the HTML map, please use your GoogleMap API key.

List of contents:

File	Size	Fields	Description
australia-ip-ranges.csv	7606	CIDR block	All IP blocks assigned to Australia, extracted from APNIC as of 08/05/2018
users-aus.csv	4748x7	IP-Latitude-Longitude-PostCode-City-State-Country	All unique user location in Australia extracted from APNIC, after being converted by IP-API
users_aus.html	7606		Visualization of all users in users-aus.csv
users-melbcbd-generated.csv	816x2	Latitude-Longitude	Uniformly generated users in the Melbourne CBD area.
users-melbcbd-generated.html	816		Visualization of all users in users-melbcbd-generated.csv
users-melbmetro-generated.csv	131312x2	Latitude-Longitude	Uniformly generated users in the Melbourne metropolitan area.
users-melbmetro-generated.zip	131312		Visualization of all users in users-melbmetro-generated.csv