Rmaps package - Sadika

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1:39 PM

* 1. **R has a database of world cities “world.citiies” and one for US “us.citiies”**

See reference <https://cran.r-project.org/web/packages/maps/maps.pdf>

**2. Here are instructions to map them in R**

install.packages('maps')

<http://rbyexamples.blogspot.com/2015/06/maps-in-r.html>

OR

<http://rgraphgallery.blogspot.com/2013/04/rg61-plotting-us-or-world-cities.html>

require(ggplot2)

require(ggmap)

require(maps)

OR

Clear about ADD CITY POINT TO Variable

<https://stackoverflow.com/questions/29037851/how-do-i-plot-us-cities-using-ggplot>

* 1. **Extra-cool to perform faceting = 2 maps side by side** 
     + Positive net flow
     + Negative Net flow

<http://www.milanor.net/blog/maps-in-r-plotting-data-points-on-a-map/>

**ADDITIONAL EXAMPLES**

* + - Optional - migration lines

<http://clarkdatalabs.github.io/mapping_R/>

* Amazon balls size + balls colour (cat variable)

<https://feedly.com/i/entry/PnRMbcEcdE8uWFLidfvG7vBzSOd9DimFVmh2vUwlmKM=_15e7687b545:46c46d:4cab23bc>

<http://www.milanor.net/blog/maps-in-r-choropleth-maps/>

* + - Code to map connections

<http://flowingdata.com/2011/05/11/how-to-map-connections-with-great-circles/>