Broadband: Flat File

Adie Tomer

Sent: Tuesday, June 13, 2017 4:59 PM
To: Alec Friedhoff
Cc: Elizabeth Kneebone; Ranjitha Shivaram

Alec,

As promised (way too long ago!), here's a link to the master CSV file for the broadband paper.

https://app.box.com/s/my1sthfvmcsrvp77u8qaab6q35y16cq7

It's certainly not as flat as it could be, but obviously you should drop any columns (especially text) that you don't need. Let me know if you want a bigger master dictionary, but here's the key fields that may not be obvious:

- geotype: This is EK's standard City=1, Suburb=2, SmallMetro=3, Rural=4
- atl_: These are the availability fields, with the underscore correlating with the speed tier. Note that we count 'Competition' and 'Monopoly' as a tract with service
    - above1g is the Fiber-speed column, working the same as above
    - We may want to add a 100 Mbps field in the end, but it'll take some time to create it in R. I'm tabling it for now
- pcat_10x1: This is the adoption quintile field: 0=0%, 1=0-20%, 2=20-40%, etc.
    - There are some missing values, the vast majority of which are zero-population tracts. 21 tracts do have a missing value and population, and there's not much we can do about them
- NOTE: After pcat_10x1, all the fields are ACS data. I have not calculated the shares in this file, but we can give you the exact relationships if/when needed.
    - For example, all the race categories relate back to pop_1115, education goes back to edattain, etc.
- Inc_cat: EK's system for Low Income (1), Middle Income (2), and High Income (3)

You should've been on the thread with the review draft, which can "inspiration" to how we could present all this. Since we last spoke, I'm definitely thinking we could use some storyboarding and kind of default templates to kind of guide users through the data in any market. As always, happy to brainstorm this with you. And since the draft is now moving, would also make sense to revisit scheduling here.

Thanks again, and talk to you soon.

- Adie

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