Main Analytical Process (in R)

Household Location Analysis (hhLocAnalysis.R)
[github.com/andykrause/hhLocAnalysis]

Legend

- Custom Function Set
- Process / Action
- External Data File
- External Hosted Data
- Tabular Results
- User Defined Parameter
- Decision
- Software/Package
- Output

Output

- Document
- Data Provenance / Analytical Workflow
- Interactive Website

Stage I: Data Collection

- reBuildData (3) Build Raw Data?
  - TRUE → Build Raw Data
  - FALSE → reCleanData (4) Re-clean Data?
    - TRUE
    - FALSE → Load Cleaned Data
- dataDir (2)
- Compiled Data (Dataverse repo)
- Clean Data (Dataverse repo)
- codeDir (1)
- buildHHData.R (Github repo)
- buildCBSAData.R (Github repo)
- U.S. Census FTP Site
- City List (cityLists.csv)
- CBSA List (cbsaList.csv)
- Multiple Local Files (into 'dataDir')

Stage II: Data Processing

- Clean Compiled Data
- Clean Data
- Compiled Data

Stage III: Data Analysis

- Analyze Data
- Visualize Results
- Tabular Results
- Visual Results
- hhLocFunctions.R (Github repo)
- codeDir (1)

- Knitr/Latex
- R/Markdown/Github
- ShinyApps.io