The app has 5 tabs:

* Home
* Component
* State
* Data Source
* Interstate

Following is how the code for processing RDF data and generating required CSVs which will be fed into the Shiny code.

Following is how the app code is organized:

*I Data preparation*

1. Import packages
2. Loading csv files for tabs
   1. Component
   2. State
   3. Data source
   4. Interstate
3. Dropdown choices
   1. Component
   2. State
   3. Data source
   4. Interstate

*II Shiny app development*

1. User Interface
   1. Locate supporting files
   2. Tabs
      1. Home
      2. Component
      3. State
      4. Data source
      5. Interstate
2. Server
   1. Component
      1. Update component choices
      2. Div with summary of a component
      3. Div with D3 chart of a component
   2. State
   3. Data Source
   4. Interstate
      1. Update input choices for (SEE SELECTED COMPONENTS section)
         1. Exact match
            1. Flow source
            2. Flow sink
            3. Flow type
         2. Subcomponent
            1. Flow source
            2. Flow sink
            3. Flow type
         3. Partial subcomponent
            1. Flow source
            2. Flow sink
            3. Flow type
      2. Draw interstate D3 chart
         1. See chart for all components
            1. Exact Match
            2. Subcomponent
            3. Partial subcomponent
         2. See chart for selected components
            1. Exact Match
            2. Subcomponent
            3. Partial subcomponent