

Instructions

Write a single page app that allows users to search for a financial institution using an autocomplete style search box. You will be provided the data feed that contains a list of financial institutions in a JSON format (sample format below). When the user enters text into the search box, the app should use the provided data feed to search product names for the term the user entered into the search box. When the results are returned you should display the results as a drop down of the search box. We don't expect the results to look gorgeous, but some thought should be put into how the results are displayed so they are understandable by the user and follow responsive layout. Here are few [guidelines](#) for implementing autocomplete suggestions.

Each product has a type such as bank, credit card, etc. Use this data to further organize search results.

Additional Requirements

You may use a javascript library like react, angular, etc. to do DOM manipulation and make AJAX requests as well as any plugins you like that provide additional interesting functionality. You may not use any plugin that already does for you a core part of this challenge, specifically, no autocomplete plugins.

Deliverables

A github repo containing all html, css and js files you are using in the project as well as a readme.md with any additional notes you want us to consider.

Sample format of the data feed (the entire data feed will be provided)

```
{
  "products": [
    {
      "name": "American Express Cards (US)",
      "url": "https://www.americanexpress.com",
      "type": "CREDIT_CARD"
    },
    {
      "name": "ADP Retirement Services - 401k (US)",
      "url": "http://www.adp.com/solutions/employer-services/retirement-services.aspx",
      "type": "INVESTMENT"
    },
    {
      "name": "American Express Bank (Personal Savings) (US) - Bank",
      "url": "https://www.americanexpress.com/?inav=NavLogo",
      "type": "BANK"
    }
  ]
}
```