<https://www.amcharts.com/>

Main library I would like to use for my thesis.

<http://www.databyou.com/>  
  
This is a link to some fishery visualizations made with javascript d3 library. Actually this is very close to what I would like to produce as a result of my research.

1. Visualization for fisheries management 2002

Initial paper from which I started my research. Very nice visualization but outdated (year 2002)

1. Visualizing Fishing Data as Rasters

2018 paper which is very similar to the previous one but lacks visualization technics (from my point view doesn’t look perfect)

1. Spatial and temporal differences in the reproductive traits of skipjack tuna
2. Evaluation of a US west coast groundfish habitat

Good papers, use many datasources, charts, bar charts, maps, vectors. But I would say its not user friendly. For me its quite hard to read. I think it was developed more for scientists and domain expert people.

1. Time Series Prediction

This paper is not related to fisheries, but shows many techniques for time series predictions on the example of stock prices

1. Using GIS to visualize landsea connections

Not technical, but very neat visualization on the map connections between land and sea.

1. The State of the Salmon

Very user friendly report, which represents many datasources to explore data. Using Tableu as a main tool.

To summarize all papers, I would say that I am going to do something similar to papers #3 & #4.

But I will use amcharts to create user friendly interface like in paper #7, but will polish it and make it understandable for end user, who is not domain expert.

My work should solve a problem of visualization complex information in an extremely simple way, but giving user ability to explore data anomalies or features.