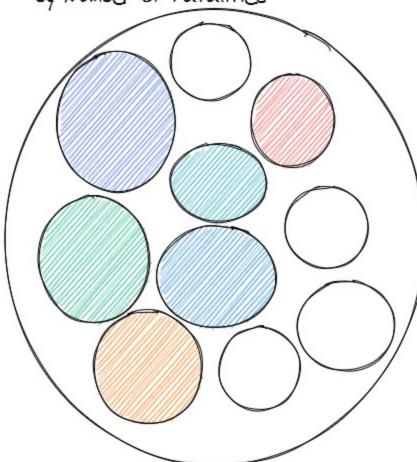
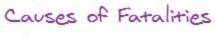
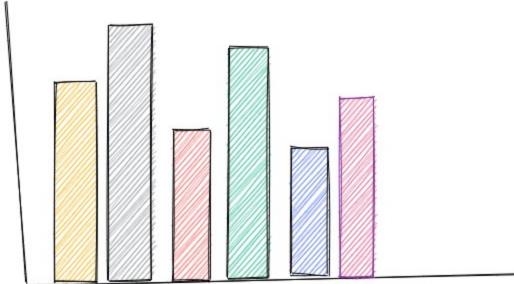
Bubble Chart with Airline Operator by Number of Fatalities

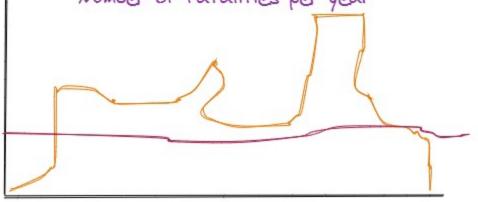


Narrative Early Planning





Number of fatalities per year



```
import { Table } from "./Table.js";
import { Linechart } from "./Linechart.js";
import { Linechart2 } from "./Linechart2.js";
import { Bubble } from "./Bubble.js";
import { Pie } from "./Pie.js";
import { Barchart } from "./Barchart.js";
let causesTable, linechart, linechart2, bubble, pie, barchart;
let state = {
 geojson: null,
  airplaneData: null,
 fatalities: null,
  causesTable: null,
  topAirlines: null,
 barchart: null,
  summary: d3.select("#summary").append("div.row"),
  filteredData: [],
Promise.all([
  d3.csv(".../Data/commercial.csv", d3.autoType),
  d3.csv(".../Data/causes.csv", d3.autoType),
 d3.csv("../Data/crash-location.csv", d3.autoType),
  d3.csv(".../Data/fatalities-per-year.csv", d3.autoType),
  d3.csv(".../Data/bubble20.csv", d3.autoType),
 d3.csv("../Data/Airplane Fatalities.csv", d3.autoType),
  d3.csv(".../Data/causesTable.csv", d3.autoType),
]).then(([commercial,causes, barchart,fatalities,topAirlines,airplaneData,causesT
able]) => {
  state.commercial = commercial;
  state.causes = causes ;
  state.fatalities = fatalities;
  state.topAirlines = topAirlines;
  state.airplaneData = airplaneData;
  state.causesTable = causesTable;
```

```
state.barchart = barchart;
   console.log("state: ", state);
 init();
});
function init(){
  pie = new Pie(state, setGlobalState);
  barchart = new Barchart(state, setGlobalState);
  causesTable = new Table(state, setGlobalState);
 linechart = new Linechart(state, setGlobalState);
  linechart2 = new Linechart2(state, setGlobalState);
  bubble = new Bubble(state, setGlobalState);
  console.log("table", table);
  draw();
function draw() {
  console.log("linechart", linechart);
  state.filteredData = state.airplaneData.filter(d=> d.Operator === state.selecte
dOperator);
  barchart.draw(state, setGlobalState);
  pie.draw(state, setGlobalState);
  causesTable.draw(state, setGlobalState);
  linechart.draw(state, setGlobalState);
 linechart2.draw(state, setGlobalState);
  bubble.draw(state, setGlobalState);
function setGlobalState(nextState) {
  state = { ...state, ...nextState };
  console.log("new state:", state);
 draw();
```