**result for dashboard;**

https://cis3200-hyekim.kb.us-central1.gcp.cloud.es.io:9243/app/dashboards#/create?\_g=(refreshInterval:(pause:!f,value:30000),time:(from:'2019-04-24T07:00:00.000Z',to:'2020-06-30T07:00:00.000Z'))&\_a=(panels:!((embeddableConfig:(savedVis:(data:(aggs:!((enabled:!t,id:'1',params:(emptyAsNull:!f),schema:metric,type:count),(enabled:!t,id:'2',params:(drop\_partials:!f,extendToTimeRange:!f,extended\_bounds:(),field:'@timestamp',interval:y,min\_doc\_count:1,scaleMetricValues:!f,timeRange:(from:'2019-04-24T07:00:00.000Z',to:'2020-06-30T07:00:00.000Z'),useNormalizedEsInterval:!t,used\_interval:'1y'),schema:segment,type:date\_histogram),(enabled:!t,id:'3',params:(excludeIsRegex:!t,field:'Original%20Crime%20Type%20Name',includeIsRegex:!t,missingBucket:!f,missingBucketLabel:Missing,order:desc,orderBy:'1',otherBucket:!f,otherBucketLabel:Other,size:10),schema:segment,type:terms)),searchSource:(filter:!(),index:'2d67833e-62d1-4036-95ac-c8ce83859a5e',query:(language:kuery,query:''))),description:'',id:'',params:(addTooltip:!t,distinctColors:!f,emptySizeRatio:0.3,isDonut:!t,labels:(last\_level:!f,percentDecimals:2,position:default,show:!t,truncate:100,values:!t,valuesFormat:percent),legendDisplay:hide,legendPosition:right,maxLegendLines:1,nestedLegend:!f,palette:(name:default,type:palette),truncateLegend:!t,type:pie),title:'sf%20police%20pie',type:pie,uiState:())),gridData:(h:15,i:'1828d9ff-e35b-45bc-8a83-6ae5df92c92f',w:24,x:0,y:0),panelIndex:'1828d9ff-e35b-45bc-8a83-6ae5df92c92f',type:visualization),(embeddableConfig:(),gridData:(h:15,i:'62ccee1a-e13b-4352-85d9-98af60b44ba2',w:24,x:24,y:0),id:eb5e31d0-9272-11ee-b3ea-3378a3cf8a27,panelIndex:'62ccee1a-e13b-4352-85d9-98af60b44ba2',type:visualization),(embeddableConfig:(savedVis:(data:(aggs:!((enabled:!t,id:'1',params:(emptyAsNull:!f),schema:metric,type:count),(enabled:!t,id:'2',params:(drop\_partials:!f,extendToTimeRange:!f,extended\_bounds:(),field:'@timestamp',interval:M,min\_doc\_count:1,scaleMetricValues:!f,timeRange:(from:'2019-04-24T07:00:00.000Z',to:'2020-06-30T07:00:00.000Z'),useNormalizedEsInterval:!t,used\_interval:'1M'),schema:segment,type:date\_histogram)),searchSource:(filter:!(),index:'2d67833e-62d1-4036-95ac-c8ce83859a5e',query:(language:kuery,query:''))),description:'',id:'',params:(addLegend:!t,addTimeMarker:!f,addTooltip:!t,categoryAxes:!((id:CategoryAxis-1,labels:(filter:!t,show:!t,truncate:100),position:bottom,scale:(type:linear),show:!t,style:(),title:(),type:category)),detailedTooltip:!t,grid:(categoryLines:!f),labels:(show:!f),legendPosition:right,maxLegendLines:1,palette:(name:default,type:palette),radiusRatio:0,seriesParams:!((circlesRadius:1,data:(id:'1',label:Count),drawLinesBetweenPoints:!t,interpolate:linear,lineWidth:2,mode:stacked,show:!t,showCircles:!t,type:histogram,valueAxis:ValueAxis-1)),thresholdLine:(color:%23E7664C,show:!f,style:full,value:10,width:1),times:!(),truncateLegend:!t,type:histogram,valueAxes:!((id:ValueAxis-1,labels:(filter:!t,rotate:0,show:!t,truncate:100),name:LeftAxis-1,position:left,scale:(mode:normal,type:linear),show:!t,style:(),title:(text:''),type:value))),title:'sf%20police%20bar',type:histogram,uiState:())),gridData:(h:15,i:'95d8ce62-93d2-4adb-9045-10de8c0db018',w:24,x:0,y:15),panelIndex:'95d8ce62-93d2-4adb-9045-10de8c0db018',type:visualization)))

**powerpoint link:**

[Presentation.pptx](https://csula-my.sharepoint.com/:p:/r/personal/hkim192_calstatela_edu/Documents/Presentation.pptx?d=w6b7aa6c4bd6345169baae2c57558f953&csf=1&web=1&e=RNFONJ)