

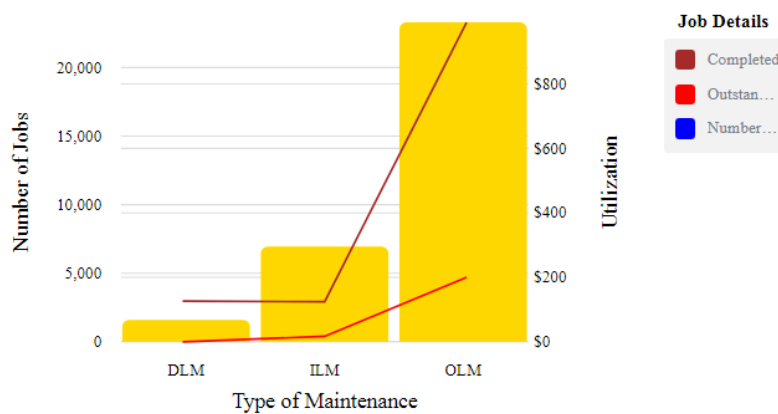
Graph 2 – Analytics Assignment

Task Graph 2



My solution

Combo Chart



Problems:

1. Data is hard-coded since I'm stucked on fetching JSON data to follow the pre-determined schema. (detail on next page)
2. Missing stacked vertical bar. I don't know how to tweak the premade combo-chart component to add stacked bar feature.

maintenance.json

```
[
  {"level": "DLM", "outstanding": 0, "completed": 126, "$spent":0, "$left":1595},
  {"level": "ILM", "outstanding": 17, "completed": 124, "$spent":320, "$left":6945},
  {"level": "OLM", "outstanding": 200, "completed": 991, "$spent":1240, "$left":23293}
]
```

- How to iterate through JSON object keys to follow as the schema below? Since ngx-charts library expecting the input data to follow their predetermined schema.

Combo-chart-data.ts

```
export let lineChartSeries = [
  {
    name: 'Completed', series: [
      { value: 126, name: 'DLM' },
      { value: 124, name: 'ILM' },
      { value: 991, name: 'OLM' }
    ]
  }, {
    name: 'Outstanding', series: [
      { value: 0, name: 'DLM' },
      { value: 17, name: 'ILM' },
      { value: 200, name: 'OLM' }
    ]
  }
];

export var barChart: any = [
  { name: 'DLM', value: 1595 },
  { name: 'ILM', value: 6945 },
  { name: 'OLM', value: 2329 }
];
```