

```
// This example requires the Visualization library. Include the
libraries=visualization
// parameter when you first load the API. For example:
// <script
src="https://maps.googleapis.com/maps/api/js?key=YOUR_API_KEY&libraries=visualization">
```

```
let map: google.maps.Map, heatmap: google.maps.visualization.HeatmapLayer;
```

```
function initMap(): void {
    map = new google.maps.Map(document.getElementById("map") as HTMLElement, {
        mapTypeId: "satellite",
    });
```

```
    heatmap = new google.maps.visualization.HeatmapLayer({
        data: getPoints(),
        map: map,
    });
}
```

```
function toggleHeatmap() {
    heatmap.setMap(heatmap.getMap() ? null : map);
}P
```