

# Build an app with TRUECHART Core

1. Place a `<div>` (or some other container) on your site
2. Style it with a non-zero width and height
3. Give it a unique id
4. Load the TRUECHART Core files
5. Do some initial configuration
6. Create an instance, add data
7. `.show()`

The code could look like this:

```
...
<div id='truechartcore' style='width:300px;height:300px'></div>
...
<script src="https://www.truechart.com/core/2.3.0/index.js"></script>
<script>
  // referencing the API in a local variable for quicker access
  var TC_API = window['TrueChartCore_API'];

  // setting config
  TC_API.ConfigManager.setConfig({
    documentLocation: "localhost",
    documentName: "example",
    documentTitle: document.title,
    getServerId: sourceObject => sourceObject.element.id,
    user: { username: "Me" }
  });

  // creating an trueChart instance inside an existing DIV
  var tc = TC_API.createTrueChart(document.getElementById("truechartcore"));

  // adding data
  var data = tc.DataManager.addDataSource("My Data");

  data.addDimension({
    name: "Region",
    type: "text"
  }, ["Region 1", "Region 2", "Region 3"]);

  data.addMeasure({
    name: "Population",
    type: "number"
  }, [5600, 6800, 4200]);

  // trigger show
  tc.show();
</script>
```