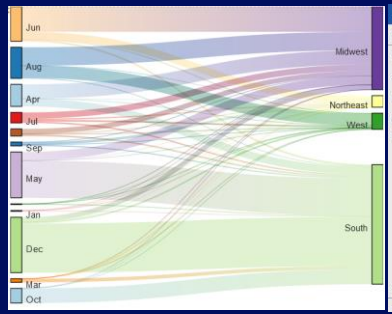
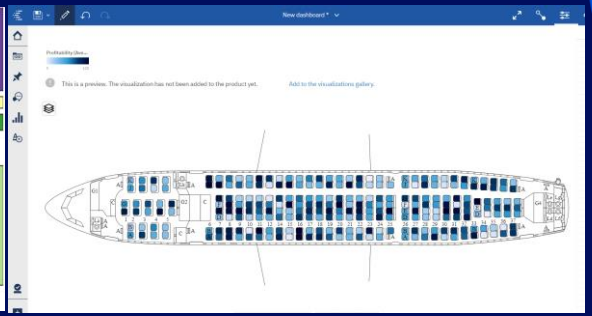
# IBM Cognos Analytics 11.1

## - Custom Visualizations (R4)



IBM Cloud

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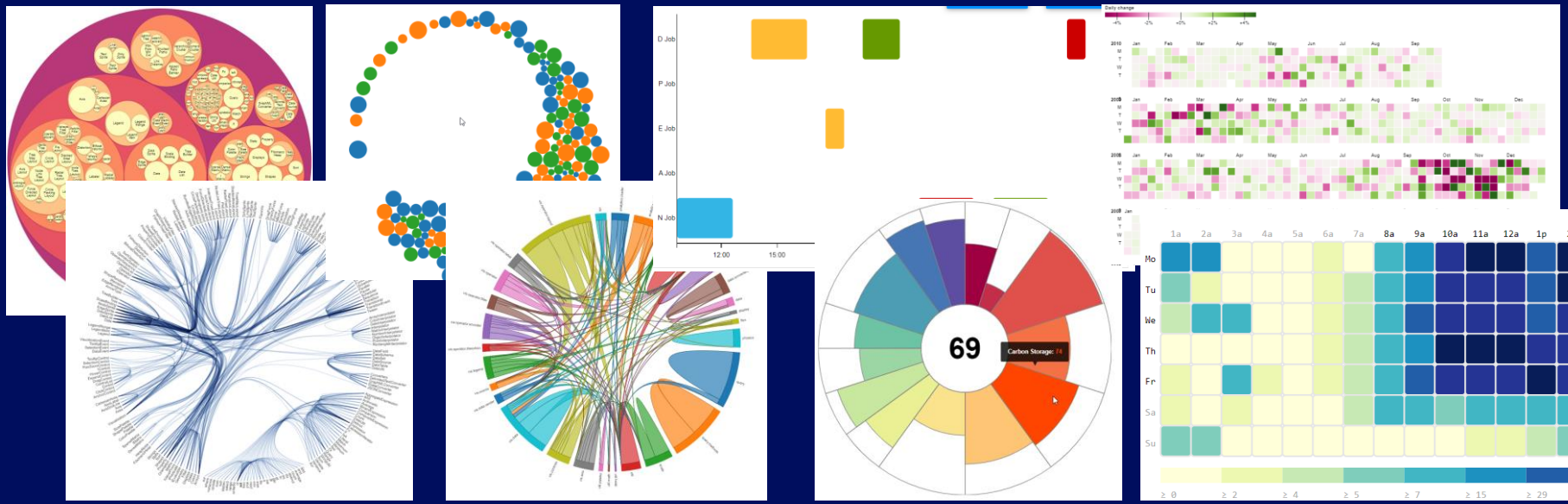
*Custom Visualization's (R4)*

**What is it?**

Custom Visualization's is the capability to bring in JavaScript based visualization's into Cognos Analytics.




** Per user*

*Automatic updates with new version releases*

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**When would I use it?**

Any need for a visualization that is not part of the standard Cognos Analytics installation. Any JavaScript based visualization is supported – this include D3, Chartist, FusionCharts, Google Charts, High Charts, NVD3, C3, Cubism, Plottable, Canvas, Dygraphs and many more. JavaScript coding skills are required!

**How do I use it?**

1) Find your open source or paid visualization in one of the libraries
2) Connect it to the Cognos Analytics API via the Customvis CLI – this requires coding skills!
3) Test your new visualization in CA Dashboards or Reporting directly against the local server.
4) Upload the final visualization bundle to Cognos Analytics and add permissions on it.

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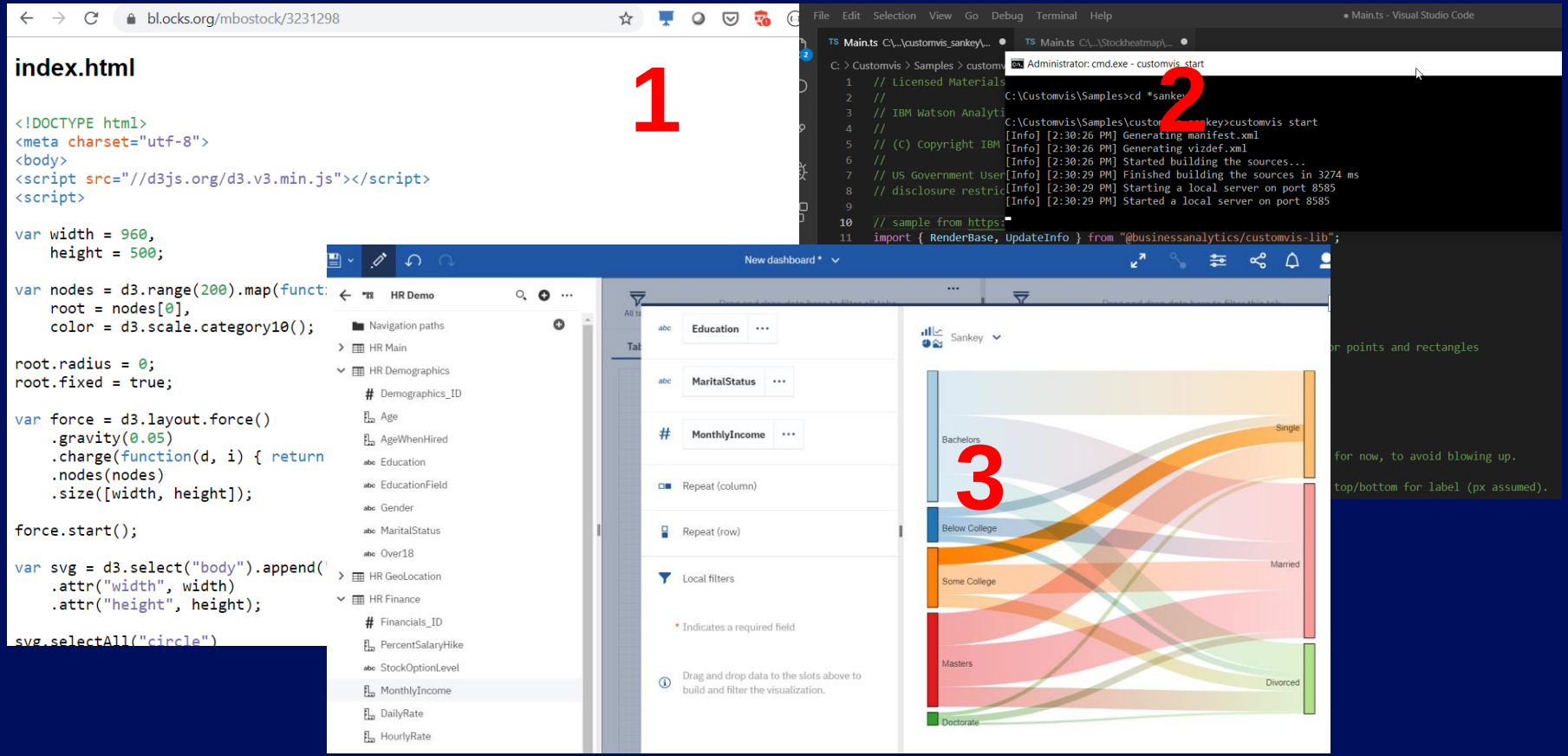

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**Remarks:**

- D3 is not a standard format => JavaScript code can be very complex…
- JavaScript found on the internet is still code => Verify it before using it…
- Endless options for custom visualization's IF you can code JavaScript

- Developer use case:
  - Developer with JavaScript and/or D3 coding skills
  - Responsible for building a reusable Viz bundle
  - Will use their own preferred code editor
  - Will preview changes constantly during the development and upload it afterwards

- Self-service use case:
  - Cognos Analytics Dashboard/Reporting user with upload permissions, will upload bundle from developer/Business Partner/Marketplace
  - Users with permission can find custom viz's in a tab next to the OOTB visualizations