

**DENEB:
VISUALS
YOUR
DATA
DESERVES**

Deneb: How much does it cost?

**It's free! Free to download,
free to create, free to share
with all reports, free to
publish to web! Free!**

Where is Deneb?

**Available with all the other
visuals within the
appsource visuals.**

Power BI visuals



① By clicking "Get it now" and downloading a visual, you agree to the provider's Terms and Conditions and Privacy Policy provided on the visual's page. Use of Microsoft's AppSource is subject to the [Microsoft Commercial Marketplace Terms](#) and [Privacy Statement](#).

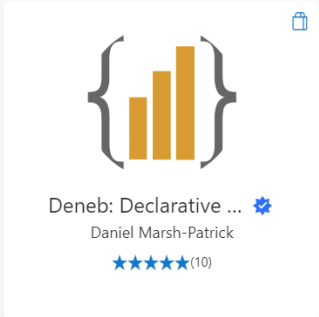
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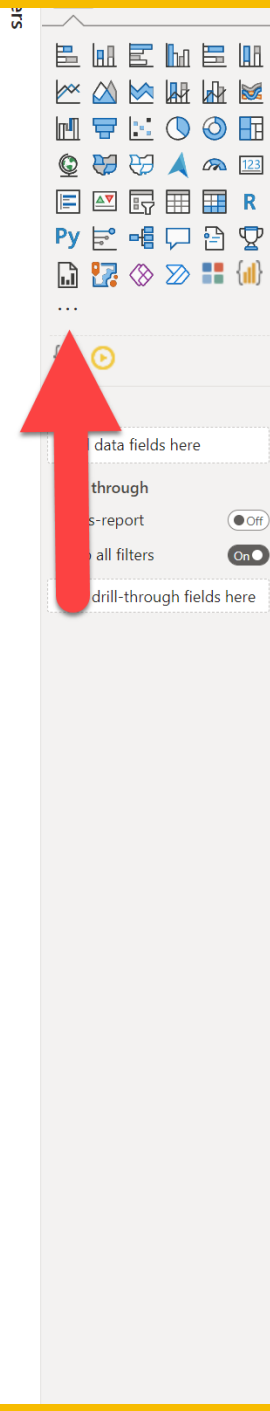
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deneb



Deneb: Declarative ...
Daniel Marsh-Patrick
★★★★★(10)



Visual gallery sidebar showing various visualization icons. A red arrow points to a search bar containing the text 'deneb'.



Deneb: Declarative Visualization in Power BI

Daniel Marsh-Patrick

★★★★★ 5.0 (10)

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Publisher

Daniel Marsh-Patrick

Acquire Using

Work or school account

Version

1.4.0.0

Updated

8/18/2022

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Use the powerful Vega or Vega-Lite languages to create custom visuals directly inside Power BI

Deneb is a custom visual for Microsoft Power BI, which allows creators to use the declarative JSON syntax of the Vega or Vega-Lite languages to build their own bespoke data visualizations, without having to learn web development. This is similar to the approaches used for creating R and Python visuals in Power BI, with the following additional benefits:

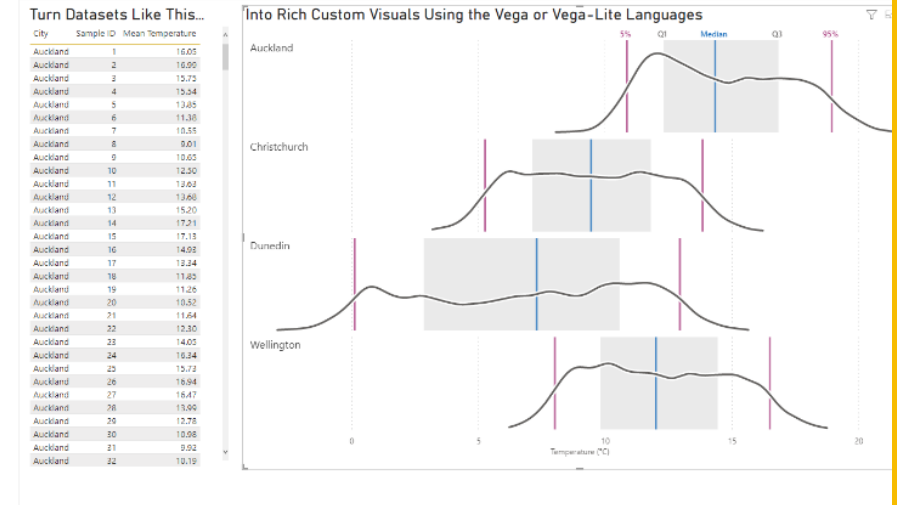
- No additional dependencies on local libraries or gateways for your end-users when publishing reports - Visuals will render in any Power BI client.
- Specifications are rendered directly inside Power BI rather than being delegated to another location (typically resulting in faster render times for end-users).
- Built for the web, meaning that it's possible to integrate with Power BI's interactivity features, with some additional setup.

By becoming familiar with the Vega-Lite and Vega languages, and learning to "think visually", you can greatly expand your visual options within Power BI. You can visit the main website at <https://deneb-viz.github.io> to learn how to get started. The site also covers the Power-BI specific side of things including how you can develop your visuals to potentially leverage visual canvas integration capabilities, such as tooltips, context menus and cross-filtering other visuals.

Visual capabilities

This visual is certified by Power BI

[Learn more about certified Power BI visuals.](#)






Deneb: Declarative Visualization in Power BI

Daniel Marsh-Patrick

★★★★★ 5.0 (10)

 PBI Certified

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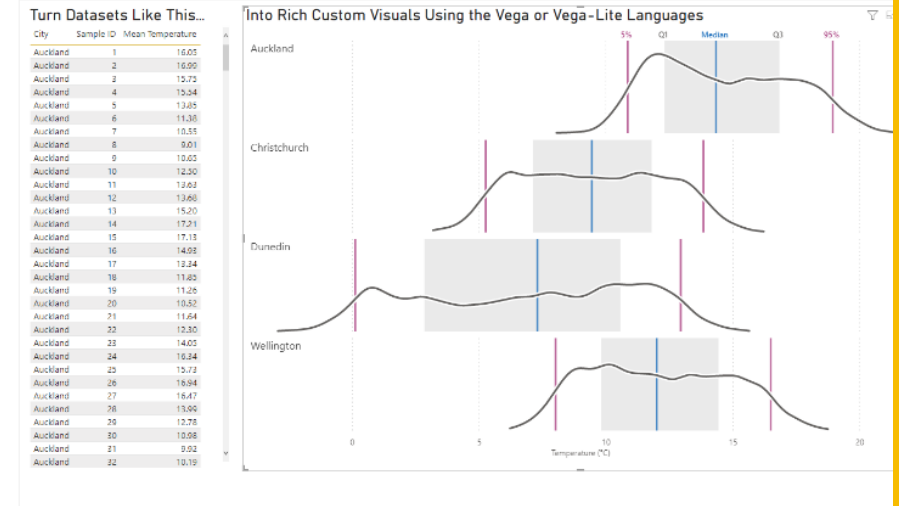
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What is Deneb?

Deneb is a custom visual which allows you to create bespoke visualisations.

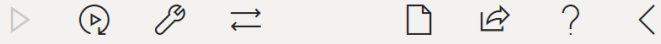
No Code/low code?

Code.

**Visualisations are created
with Vega and Vega-Lite**

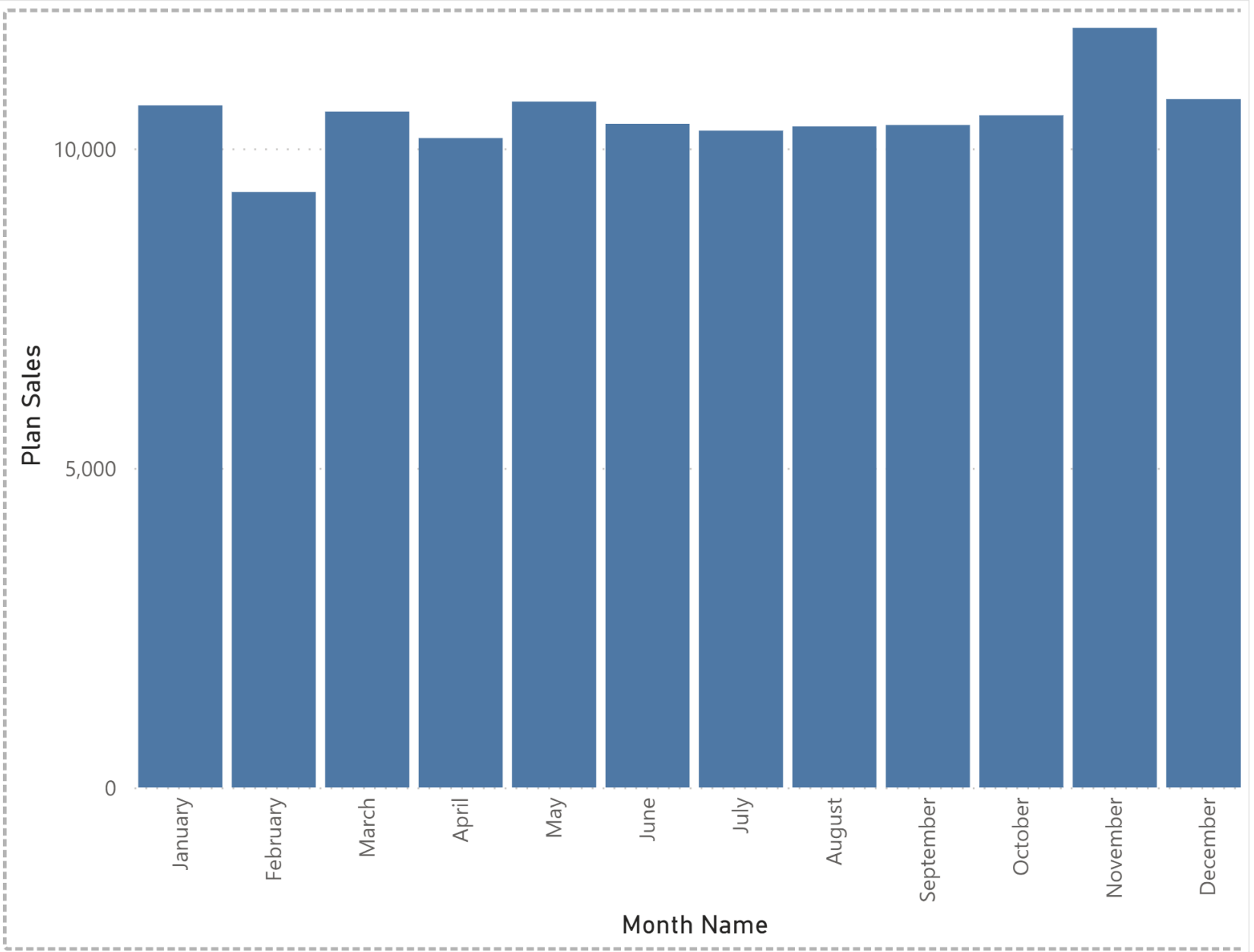
Okay...what are Vega and Vega-Lite?!

“ a high-level grammar of interactive graphics. It provides a concise, declarative JSON syntax to create an expressive range of visualizations for data analysis and presentation ”



Specification Config Settings

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3   "layer": [  
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5       {  
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24        "aggregate": "sum"  
25      }  
26    }  
27  }  
28 }
```



**Lets just look at a
quick live demo**

Examples of Deneb visuals

Learning

**Not to be boring, but the
documentation is excellent!**

Inspiration

Kerry Kolosko

thysvdw.github.io

Shad Frigui



/powerbiguy



@powerbiguy



powerbiguy.co

