


DATATYPE

A VARIABLE FONT THAT TURNS TEXT INTO CHARTS



 GitHub ★

 Google Fonts

Datatype is data as type

Datatype is an OpenType variable font that turns simple text expressions into inline charts.

No JavaScript, no images, no rendering library — just type the syntax and Datatype's

 ligature substitution does the rest.



{b:30,70,50,90}

BAR CHART



{l:10,50,30,80,20}

SPARKLINE



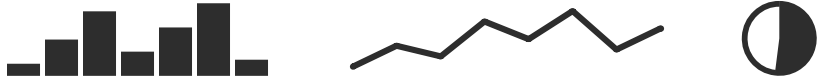


{p:65}

PIE CHART

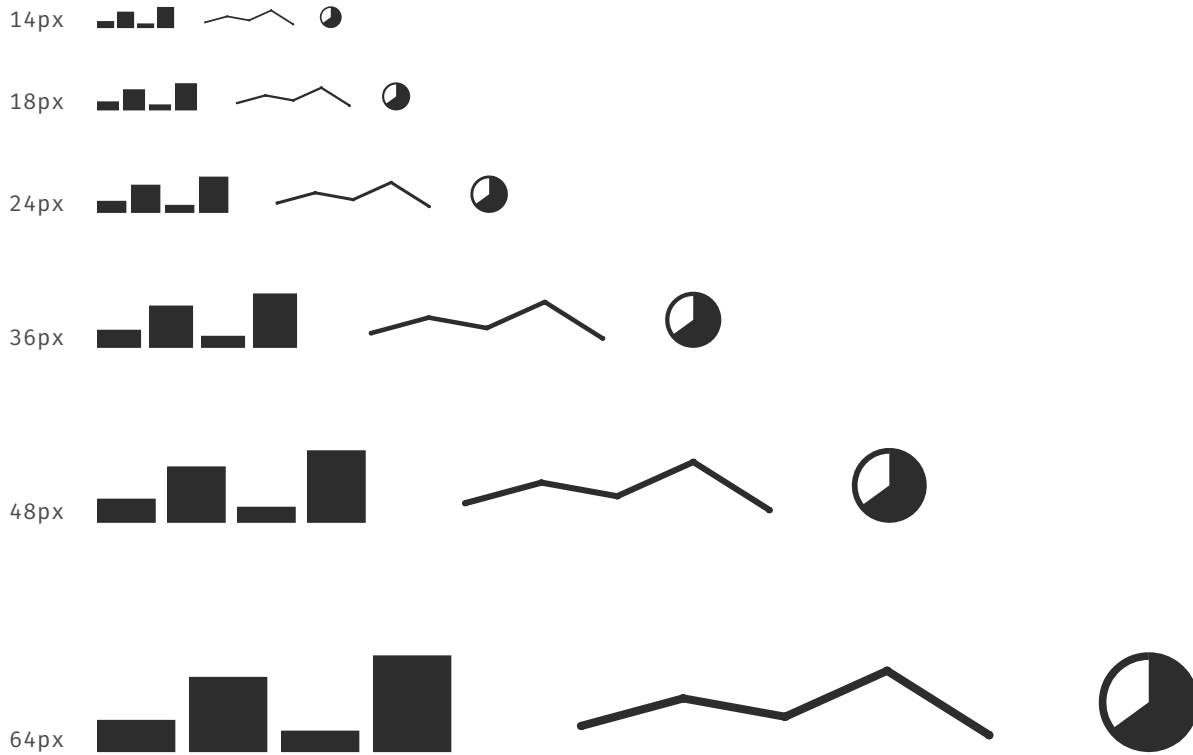
Datatype is a variable font

Two axes give you control over chart density and weight. Drag the sliders to see charts respond in real time.

<p>WIDTH</p>  <p>50</p>	<p>WEIGHT</p>  <p>400</p>	<p>SIZE</p> <p>48px <input type="button" value="v"/></p>
		






Datatype at different sizes

The same expressions rendered from 14px to 64px.




Datatype in context

Datatype charts work anywhere text does — tables, dashboards, reports. Here's a stock watchlist with sparklines rendered entirely in Datatype.

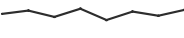


STOCK	30D TREND	PRICE	CHANGE
AAPL Apple		\$255.78	-2.27%
MSFT Microsoft		\$401.32	-0.13%
NVDA Nvidia		\$182.81	-2.21%
TSLA Tesla		\$417.44	+0.09%
AMZN Amazon		\$198.79	-0.41%

Charts sit naturally within running prose, matching the surrounding typeface's metrics.

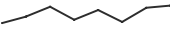


MERRIWEATHER (SERIF)

Revenue grew steadily through Q3  before a seasonal dip. Market share  held firm against competitors, and our product mix  shifted toward higher margins.

IBM PLEX SANS (SANS-SERIF)

The patient's heart rate  remained within normal range. Blood oxygen  was excellent, and the weekly activity breakdown  showed consistent improvement.

FIRA CODE (MONOSPACE)

cpu_load  spiking mem_used  req/s by endpoint 

How to use Datatype

Add Datatype to your CSS, then just type chart expressions in your HTML.

```
/* Load the font */
@font-face {
  font-family: 'Datatype';
  src: url('Datatype.woff2') format('woff2');
  font-display: swap;
}
```

```
/* Use it on chart expressions */
.chart {
  font-family: 'Datatype', sans-serif;
  /* Optional: adjust axes */
  font-variation-settings: 'wdth' 15;
  font-weight: 400;
}
```

←— Then just type →

Sales {l:20,40,70,50,90} are up.

Budget {p:73} utilized.

Results {b:30,70,20,90} by quarter.

It's easy to use Datatype on the web. See the [integration guide](#) for setup instructions.

Bar charts {b:values}

Comma-separated values, each 0–100. Up to 20 bars.

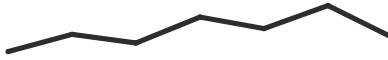


{b:15,45,80,30,60}

5 bars — values set bar height as a percentage

Sparklines {l:values}

Comma-separated values, each 0–100. Up to 20 points.



{l:10,40,25,70,50,90,35}

7 points — values set point height as a percentage

Pie charts {p:value}

A single value, 0–100, representing the percentage filled.



{p:62}

62% filled

[Download](#)
[Integration guide](#)
[View on GitHub](#)
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Datatype is open source under the SIL Open Font License.
Designed by Frank Tisellano, with help from AI.