

Interactive Fiction-inspired CLI visualizations

YOU ARE STANDING AT THE END OF A ROAD BEFORE A SMALL BRICK BUILDING.
AROUND YOU IS A FOREST. A SMALL STREAM FLOWS OUT OF THE BUILDING AND
DOWN A GULLY.

go south

YOU ARE IN A VALLEY IN THE FOREST BESIDE A STREAM TUMBLING ALONG A
ROCKY BED.

```
{
  "$schema": "https://vega.github.io/schema/vega-lite/v5.json",
  "description": "Stock prices of 5 Tech Companies over Time.",
  "data": {"url": "data/stocks.csv"},
  "mark": "line",
  "encoding": {
    "x": {"field": "date", "type": "temporal"},
    "y": {"field": "price", "type": "quantitative"},
    "color": {"field": "symbol", "type": "nominal"}
  }
}
```

```
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}
```

(assume some selections are defined too)

This is a multi-line chart entitled "Big Tech Stock Prices" that plots price by date. The corporations include AAPL(Apple), AMZN(Amazon), GOOG(Google), IBM(IBM), and MSFT(Microsoft). The years are plotted on the horizontal x-axis from 2000 to 2010 with an increment of 2 years. The prices are plotted on the vertical y-axis from 0 to 800 with an increment of 200.

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> summary

(pretend i wrote a description of the summary statistics sorry it's midnight)

>

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```
> MSFT trend
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> MSFT trend

MSFT's price starts at 39.81 in 2000 and decreases to 28.8 in 2010.

>

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MSFT's price starts at 39.81 in 2000 and decreases to 28.8 in 2010.

> MSFT trend 2000-2002

MSFT's price starts at 39.81 in 2000 and decreases to 21.03 in 2002.

>

MSFT's price starts at 39.81 in 2000 and decreases to 21.03 in 2002.

> MSFT walkthrough

Walking through MSFT's price. 39.81 on Jan 1 2000.

> next

Walking through MSFT's price. 36.35 on Feb 1 2000.

>

MSFT's price starts at 39.81 in 2000 and decreases to 21.03 in 2002.

> MSFT walkthrough

Walking through MSFT's price. 39.81 on Jan 1 2000.

> next

Walking through MSFT's price. 36.35 on Feb 1 2000.

> goto 2005

Walking through MSFT's price. 24.11 on Jan 1 2005.

>

MSFT's price starts at 39.81 in 2000 and decreases to 21.03 in 2002.

> MSFT walkthrough

Walking through MSFT's price. 39.81 on Jan 1 2000.

> next

Walking through MSFT's price. 36.35 on Feb 1 2000.

> goto 2005

Walking through MSFT's price. 24.11 on Jan 1 2005.

> clear walkthrough

>


```
> clear walkthrough
```

```
> goto 2005
```

```
On Jan 1 2005:
```

```
MSFT 24.11. AMZN 43.22. IBM 86.39. GOOG 195.62.
```

```
> next
```

```
On Feb 1 2005:
```

```
MSFT 23.15. AMZN 35.18. IBM 85.78. GOOG 187.99.
```

```
>
```