

## The Great Tableau Dashboard Speed Test

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### *Challenge details*

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# 1 Rules

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- You may have the data already connected before the timer starts.
- Your completed dashboard must contain ALL the features of the example we provide.
- The contestant with the fastest time wins.
- Unfortunately Tableau Software partners and staff are not eligible to win, but may still take part.
- The Information Lab staff will be the final judges.

# 2 Challenge details

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## 2.1 Software

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The dashboard is created using the current version of Tableau Desktop.

## 2.2 Data connection

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The solution uses a live connection to the Saved Data Source “*Sample – Superstore Subset (Excel)*”. You may have the data already connected before the timer starts.

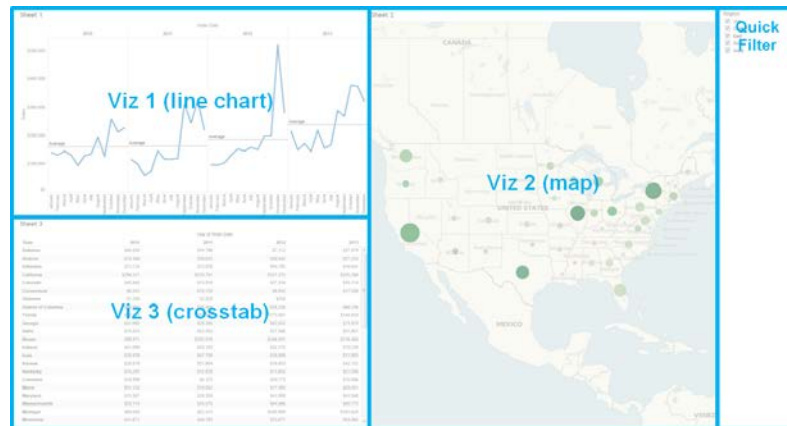
# 3 Solution

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Produce one dashboard that includes the following features:

- 3 visualisations (described in detail below).
- Fit setting for Viz 1 is Entire View. Fit setting for Viz 3 is Fit Width.
- A multiple value list quick filter on Region applied to all worksheets
- A filter action where selecting marks on the map filters all sheets
- Dashboard size is set to automatic.

The dashboard must be arranged in the following tiled layout:



### 3.1 Viz 1

- Line chart showing Sum (Sales) over time (Year of Order Date, Month of Order Date)
- Reference line showing average Sum (Sales) per Year of Order Date.

### 3.2 Viz 2

- Map that plots a circle for each State, showing Sum (Sales) by size and Sum (Profit) by colour
- Note the size encoding for Sum (Sales).

### 3.3 Viz 3

- Crosstab listing the Sum (Sales) value of each State per Year of Order Date.