

*DataScience for Development and Social Change, 2015*

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# Communicating Data

Getting your data's message  
across

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# Choosing Tools

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- ❖ Questions to help choose:
  - ❖ Standard visualisations, or something special?
  - ❖ Which languages (arabic, mandarin etc)?
  - ❖ Interactive or static?
  - ❖ CSV only, or takes different input types?
  - ❖ Tabular data or maps (or both)?

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# Tools

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## ❖ Tables:

- ❖ Excel
- ❖ Tableau
- ❖ Google Fusion Tables
- ❖ HighCharts
- ❖ D3

## ❖ Maps:

- ❖ QGIS
- ❖ CartoDB
- ❖ MapBox



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# Tableau

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- ❖ Tableau Public

- ❖ Free
- ❖ Excel or text (CSV) import only
- ❖ Needs online connection

- ❖ Tableau Desktop

- ❖ Not free (but free to students who ask)
- ❖ Range of import formats and datastore APIs
- ❖ Works offline



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# Highcharts: Three Tools

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- ❖ Highcharts: charts
- ❖ Highstock: timelines
- ❖ Highmaps: maps



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# Starting Highcharts

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- ❖ `<script src="http://code.highcharts.com/adapters/standalone-framework.js"></script>`

<http://www.highcharts.com/docs/getting-started/installation>

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# QGIS

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