RESOURCES at bit.ly/ddj-resources

Define a hypothesis

Obtain data

Clean data

Analyze data

Visualize data

Contextualize data

Research!

download (xls, csv

extract (scraping)

request

FOIA

collect (forms, survev

ext editor

Open Refine

Spreadsheet software

Regular Expressions

Spreadsheet software

Programming languages (R, Python)

Validate your data with a second source

Pen and paper

Spreadsheet softwar

Datawrapper,
Highcharts, Infogram,
Carto, QGIS

Programming anguages (R, Python, d3.js, neo4j)

Design software like Adobe Illustrator, Inkscape Talk to a datapoin

Talk to experts

Report the story around or emerging from your data

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