

# References

## Books

**R for Data Science: Import, Tidy, Transform, Visualize, and Model Data**

<http://a.co/fzpONDS>

## Data Science SaaS

**Apache SystemML:** <https://systemml.apache.org/>

**Google Cloud Lab:** <https://cloud.google.com/datalab/>

## Articles

**Running Jupyter Notebook on Google Cloud Platform in 15 min**

<https://medium.com/towards-data-science/running-jupyter-notebook-in-google-cloud-platform-in-15-min-61e16da34d52>

**GitHub as a Fast Track to Interviews**

<https://medium.com/@bfil/github-as-a-fast-track-to-interviews-2cdf3198eb2f>

**Introduction to AWS Billing and Cost Management Tools**

<https://cloudacademy.com/blog/introduction-to-aws-billing-and-cost-management-tools-part-1-of-3/>

<https://cloudacademy.com/blog/introduction-to-aws-billing-and-cost-management-tools-part-2-of-3/>

<https://cloudacademy.com/blog/introduction-to-aws-billing-and-cost-management-tools-part-3-of-3/>

<https://aws.amazon.com/s3/pricing/>

**Opinionated Analysis Development**

<https://www.rstudio.com/resources/videos/opinionated-analysis-development/>

**Where Trumponomics Is Working**

<https://www.washingtontimes.com/news/2017/oct/22/trump-tax-cuts-will-work-if-given-time/>

## **Online Courses**

**Introduction to Sparklyr for Data Science:**

<https://www.safaribooksonline.com/library/view/introduction-to-sparklyr/9781491996508/>

**Learning Path: Jupyter Notebook for Data Science Teams:**

<https://www.safaribooksonline.com/learning-paths/learning-path-jupyter/9781491995648>

**Reproducible Research:**

<https://www.coursera.org/learn/reproducible-research>

## **Git Hub Repos**

**gradle-plugin-r:** <https://github.com/jamiefolson/gradle-plugin-r>

This is a gradle plugin for building and installing R packages. It also supports roxygen2, which is run prior to building the package.

**Sparkmagic:** <https://github.com/jupyter-incubator/sparkmagic>

Sparkmagic is a set of tools for interactively working with remote Spark clusters through [Livy](#), a Spark REST server, in [Jupyter](#) notebooks. The Sparkmagic project includes a set of magics for interactively running Spark code in multiple languages, as well as some kernels that you can use to turn Jupyter into an integrated Spark environment.

**sparkDemos:** <https://github.com/rstudio/sparkDemos>

dbplot: <https://github.com/edgararuiz/dbplot>

Do the calculations for ggplot in the Spark cluster instead of R memory.

## **Tools**

**Nodebook**

<http://multithreaded.stitchfix.com/blog/2017/07/26/nodebook/>

**Workflowr**

<https://jdblischak.github.io/workflowr/index.html>

**Software Carpentry**

<https://software-carpentry.org/>