Course 2. Open Source tools for data science

What is skills network labs?

It's a free virtual lab environment that lets you practices your skills in Python, R and more while you learn data science.

Skills Networks labs is an environment that contains tools such as RSutdio, Jupyter Notebook and Zeppelin Notebook.

Jupyter Notebook:

Jupyter Lab is a web-based interactive development environment for Jupyter notebooks, code, and data. Jupyter Lab is flexible: configure and arrange the user interface to support a wide range of workflows in data science, scientific computing, and machine learning. JupyterLab is extensible and modular: write plugins that add new components and integrate with existing ones.

Zeppelin Notebook:

A completely open web-based **notebook** that enables interactive data analytics.
Apache **Zeppelin** is a new and incubating multi-purposed web-based **notebook** which brings data ingestion, data exploration, visualization, sharing and collaboration features to Hadoop and Spark.

Rstudio:

RStudio is an active member of the R community. We believe free and open source data analysis software is a foundation for innovative and important work in science, education, and industry.