



DASHBOARDS WEB COM R

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A LINGUAGEM R

- LINGUAGEM USADA PARA ANÁLISE E VISUALIZAÇÃO DE DADOS
- MUITO ÚTIL PARA ESTATÍSTICA, EXPLORAÇÃO E VISUALIZAÇÃO DE DADOS E MACHINE LEARNING

PORQUE USAR R?

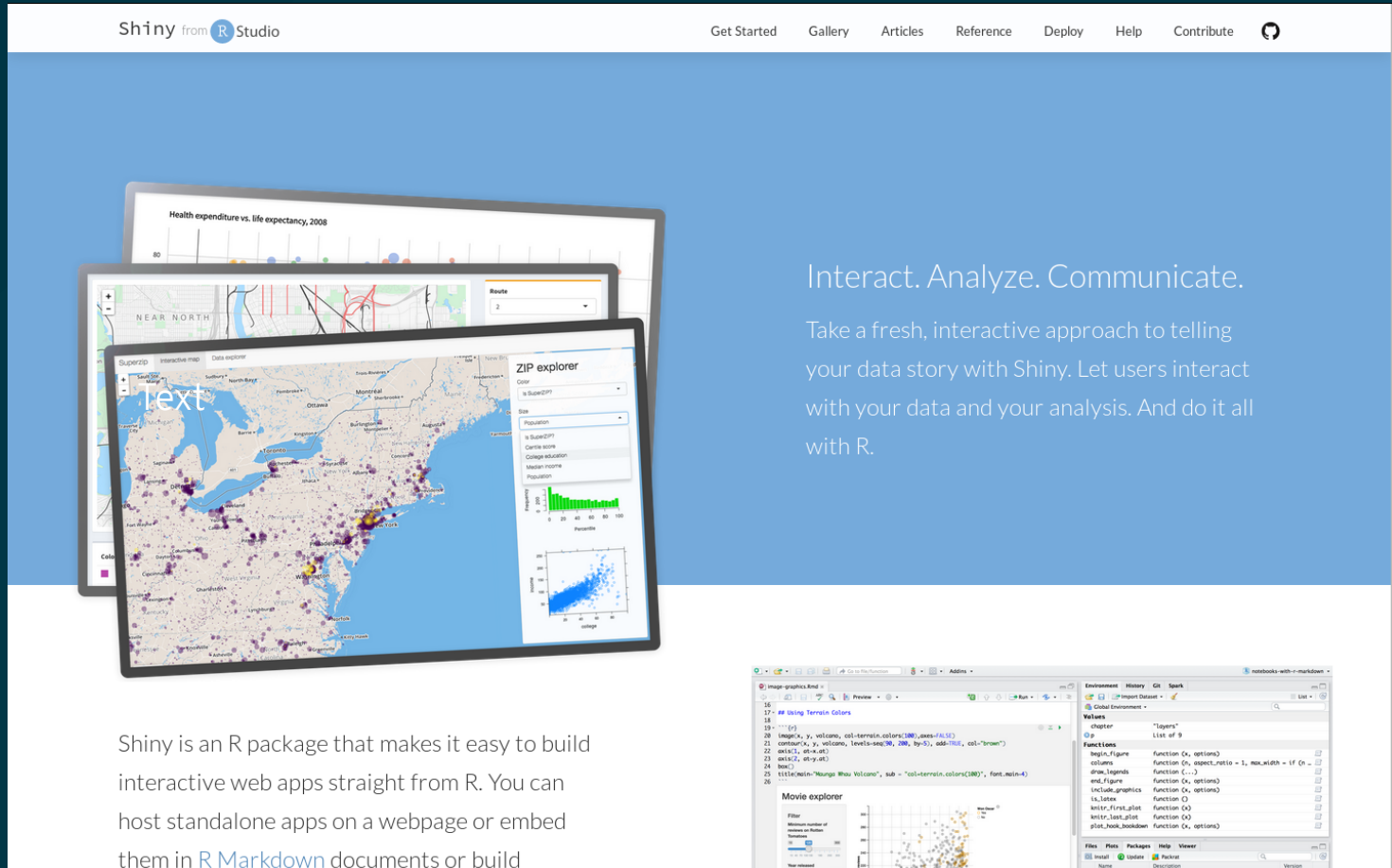
- CURVA DE APRENDIZADO PEQUENA
- INÚMERAS BIBLIOTECAS ATRAVÉS DO CRAN
- ENTRETANTO, NÃO É RECOMENDADA PARA QUANTIDADE ENORME DE DADOS

EMPRESAS ENVOLVIDAS COM R

- FACEBOOK - ANÁLISE DE COMPORTAMENTO PARA FEEDS E FOTOS DE PERFIL
- GOOGLE - PARA ALAVANCAR ANÚNCIOS E PREVISÕES DE VENDAS
- TWITTER - VISUALIZAÇÃO DE DADOS E AGRUPAMENTO SEMÂNTICO
- MICROSOFT - COMPROU A REVOLUTION R E OFERECE EM DIVERSOS TIPOS DE SERVIÇOS (PRINCIPALMENTE PELA NUVEM)
- UBER - ANÁLISES ESTATÍSTICAS
- AIRBNB - PRINCIPALMENTE NA ÁREA DE DATA SCIENCE
- IBM - SE JUNTOU À R CONSORTIUM GROUP
- ANZ - ANÁLISE DE RISCO EM CRÉDITOS

Source: <https://www.listendata.com/2016/12/companies-using-r.html>

R COMO DASHBOARD



The image shows a screenshot of the Shiny website. At the top, the navigation bar includes "Shiny from R Studio" and links for "Get Started", "Gallery", "Articles", "Reference", "Deploy", "Help", and "Contribute". Below the navigation bar, there are three overlapping dashboard examples: "Health expenditure vs. life expectancy, 2008" (a line chart), "NEAR NORTH" (a map), and "ZIP explorer" (a map with a sidebar for filters like "Color", "Size", "Population", "College education", "Median income", and "Population", and a scatter plot). To the right of these dashboards, the text reads: "Interact. Analyze. Communicate. Take a fresh, interactive approach to telling your data story with Shiny. Let users interact with your data and your analysis. And do it all with R." Below this text, there is a screenshot of an R code editor showing R code for a Shiny app, including a "ZIP explorer" dashboard. The code includes comments and function definitions for plotting maps and legends. The right side of the code editor shows the "Environment" pane with a list of objects and their classes.

Shiny is an R package that makes it easy to build interactive web apps straight from R. You can host standalone apps on a webpage or embed them in R Markdown documents or build

<https://shiny.rstudio.com/>

RE CLOUD COMPUTING

- DISPONÍVEL NO PROJETO RADANALYTICS.IO
- POSSUID CAPACIDADE DE S2I (SOURCE-TO-IMAGE)
- IMPLEMENTA UMA FORMA DE GERENCIAMENTO DE DEPENDÊNCIAS





DEMO

ALTERNATIVAS

- FLEX DASHBOARD
- APACHE ZEPPELIN
- SUPERSET
- HUE
- KIBANA



OBRIGADO!

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