

How to Quickly Build a Production-Ready Real World Data Dashboard?

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The 7N logo, featuring the letters "7N" in a bold, dark blue font, with the "7" and "N" connected by a thin blue circle.

The Problem

quick dashboard prototyping

quick dashboard prototyping



long time to production

developing complex dashboards



the challenges

the multiplicity of everything...



the result of the multiplicity

fatigue
fatigue
fatigue

fatigue x3

stakeholders' fatigue

fatigue

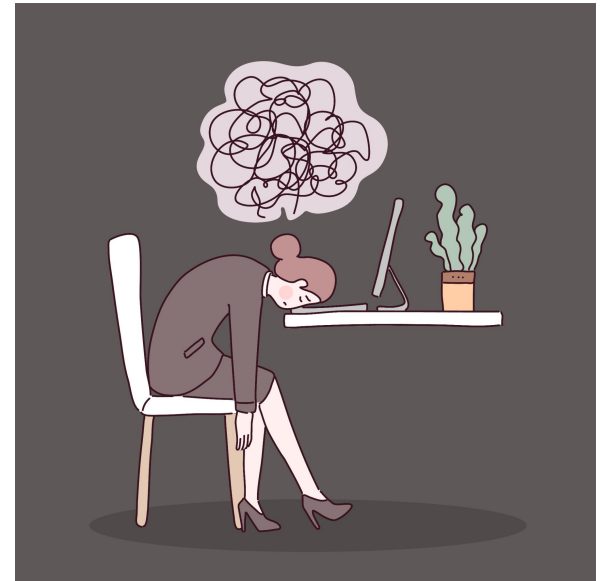
fatigue



stakeholders' fatigue
developers' fatigue
fatigue



stakeholders' fatigue
developers' fatigue
users' fatigue



The Solution

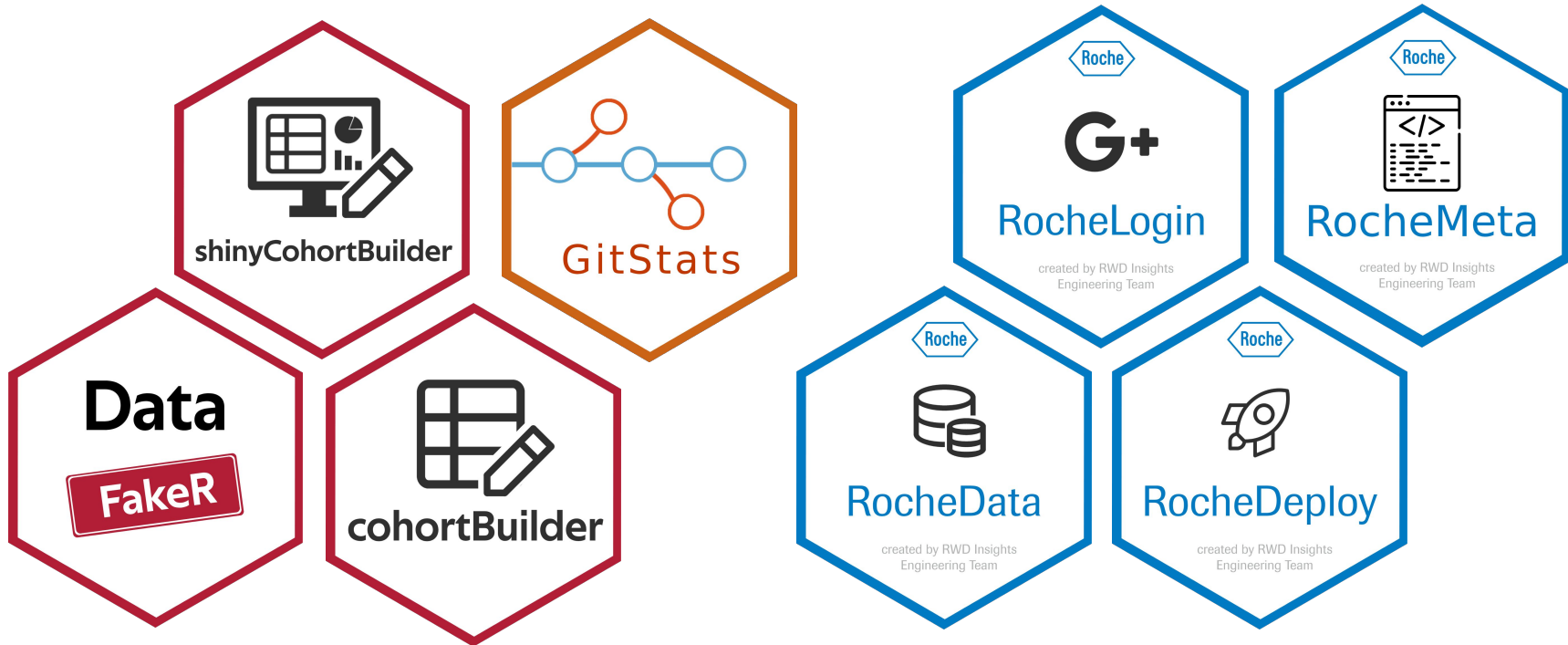
production-ready components



production-ready components definition

high-level modules
that do specific
tasks very well





the challenges

modular
architecture



modular
architecture



Big Ball of Mud



resources needed



inner-sourcing & open-sourcing

The Benefits

benefits for users



benefits for users

benefits for developers



benefits for users
benefits for developers
benefits for stakeholders



quick prototyping
but long time to production



quick prototyping
but long time to production



quicker prototyping
of production-ready dashboards

The Demo

genentech.shinyapps.io/RWDdemoApp/

github.com/openpharma/DataFakeR/

github.com/r-world-devs/cohortBuilder

github.com/r-world-devs/shinyCohortBuilder

github.com/r-world-devs/shinyTimelines

Doing now what patients need next