Meetup R addict

Comment distribuer une app Shiny?

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28/06/2019

Agenda

1. De quoi on parle ?

1. Comment ça marche ?

1. Q&A

DataMa conçoit et distribue, sous licence et clé-en-main, des **algorithmes d'analyse** de données pour aider les entreprises dans leurs **prises de décisions** en répondant en quelques clics à des problématiques *business* parfois complexes

1.

Démo de DataMa

“ ~~Un bon croquis~~ Une bonne demo vaut mieux ~~qu’un long discours~~ que 300 slides “

Napoléon Bonaparte

www.solutions.datama.fr
www.demo.datama.fr

Agenda

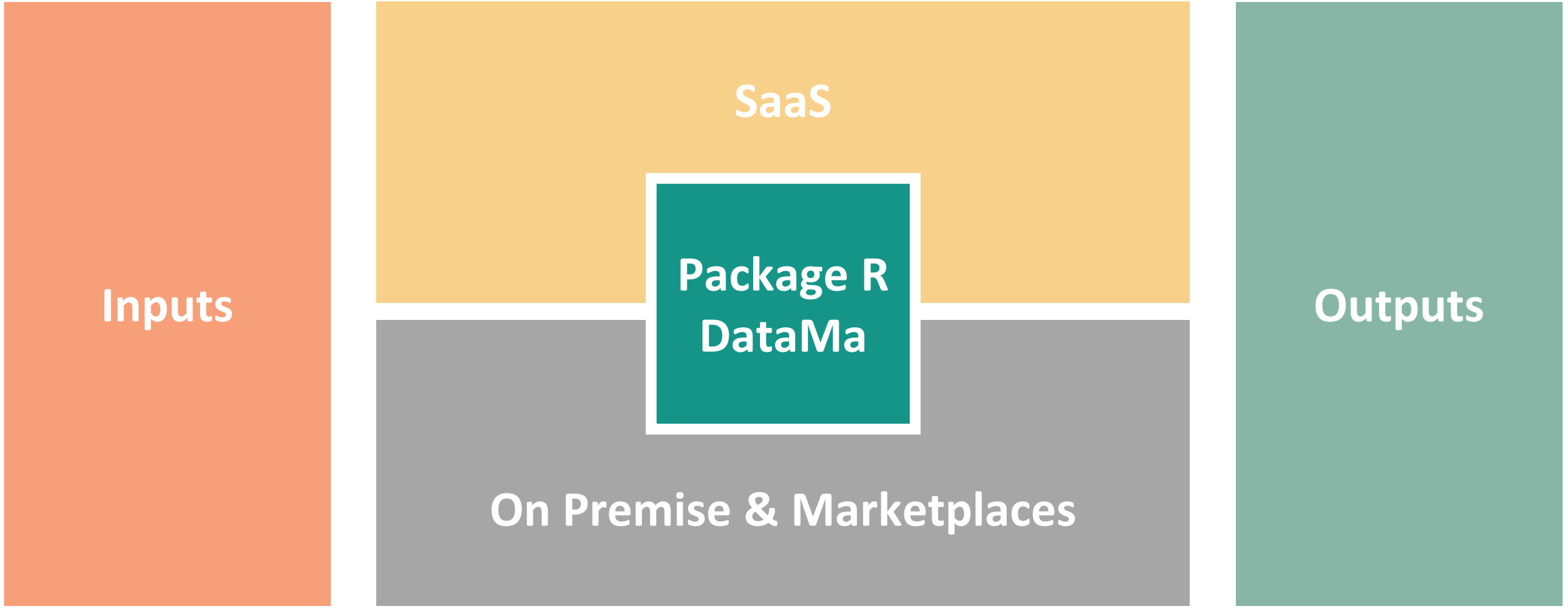
1. De quoi on parle ?

1. Comment ça marche ?

1. Q&A

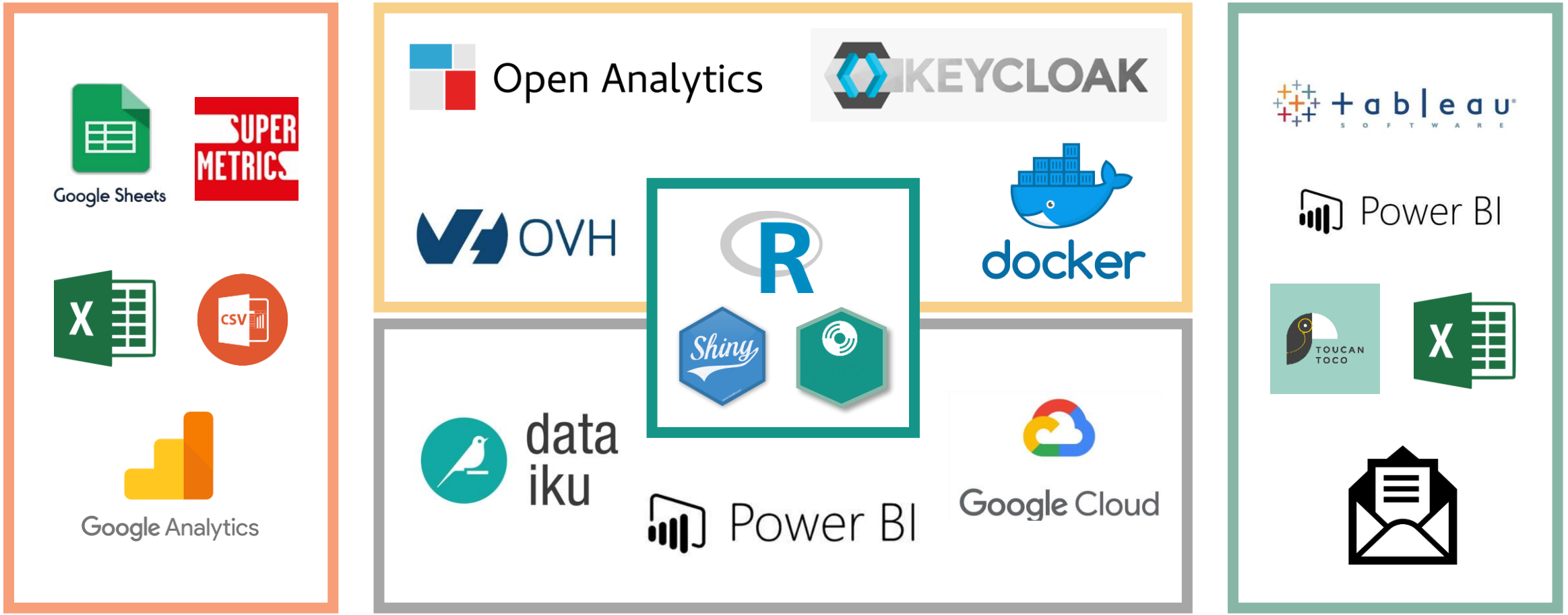
2.

Comment ça marche ?



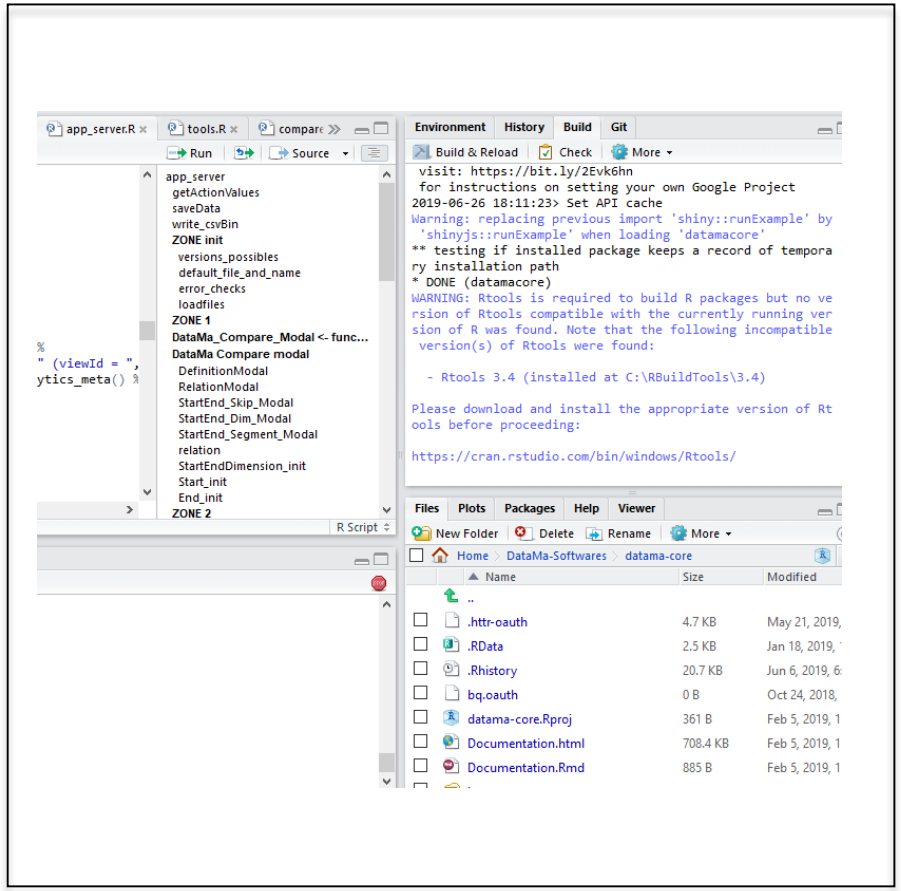
2.

Comment ça marche ?



2.

R Package – DataMa

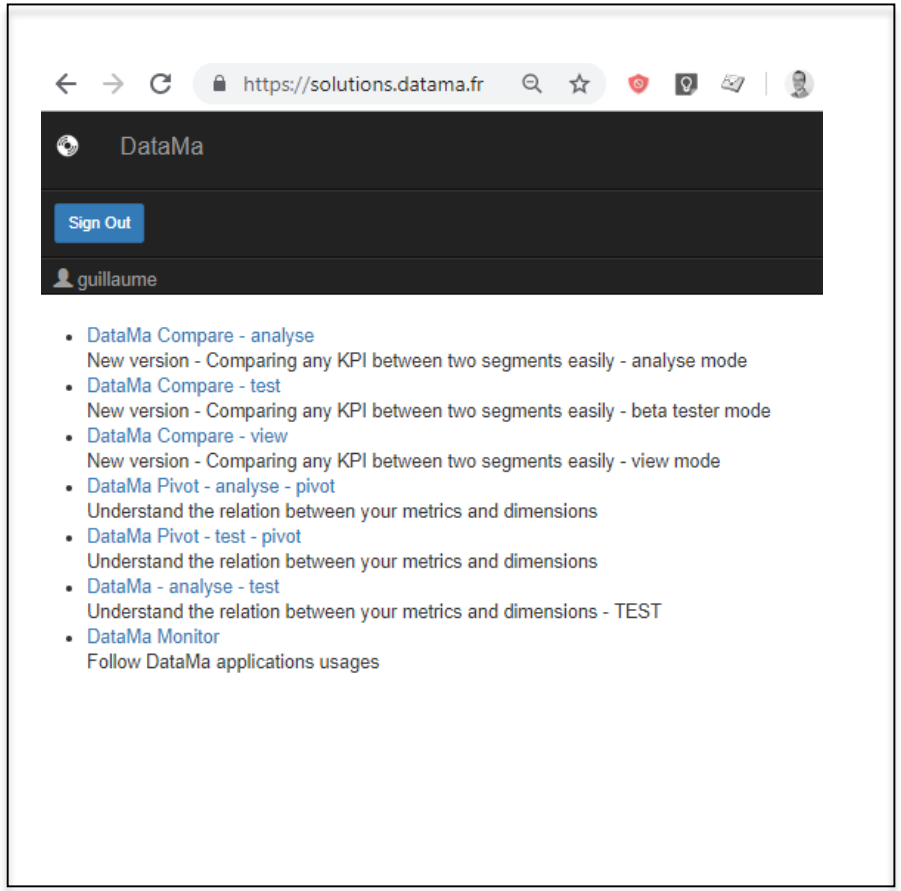



```
R:

>  library(golem)

>  golem::fill_desc(
   pkg_name = "datamacore",
   pkg_description = "Smart Analytics
   for Smart Decisions",
   author_first_name = "Guillaume",
   author_last_name = "de Bénazé")

>  library(datamacore)

>  datamacore::run_app()
```

2.

SaaS – Shinyproxy

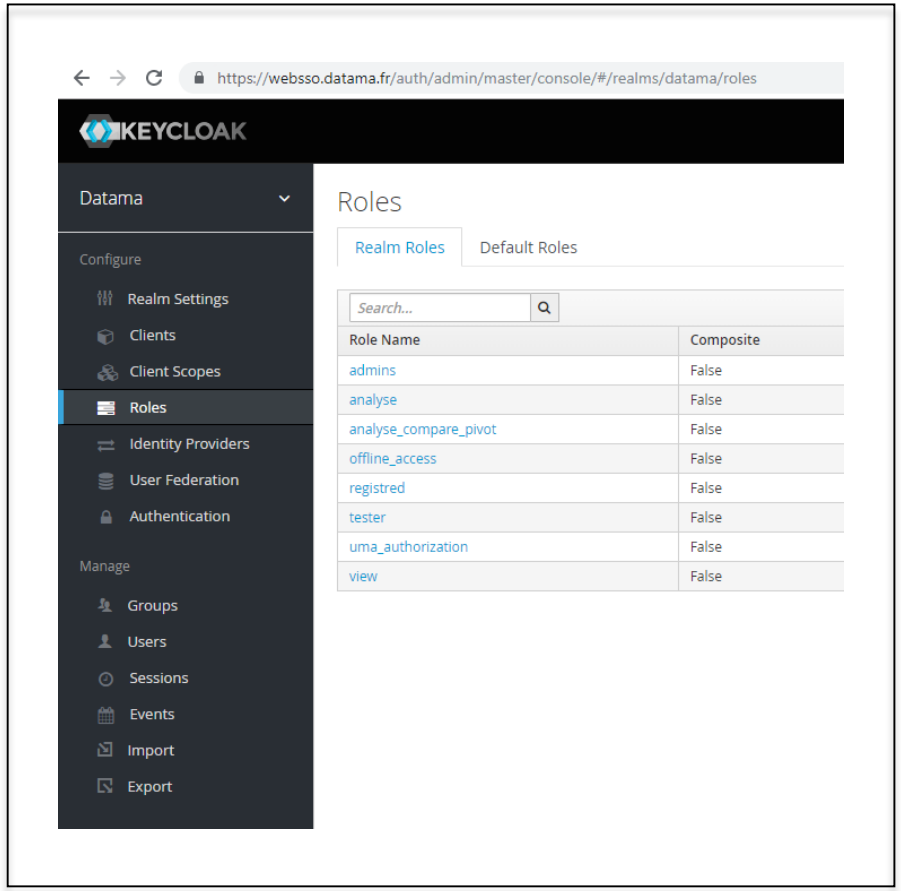
Open Analytics




```
application.yml:

>  proxy:  title: DataMa
>  […]
>  specs:
   - id: DataMa_view
   display-name: DataMa Compare - view
   description: Comparing any KPI
   between two segments easily
   container-cmd: ["R", "-e
   datamacompare::run_app('view',FALSE
   )"]
   container-volumes: [
   "/opt/save_folder:/root/save_folder
   "]
   container-image: datamacompare2
   container-network: opt_spnetwork
   access-groups: [view, admins]
```

2.

SaaS – Keycloak



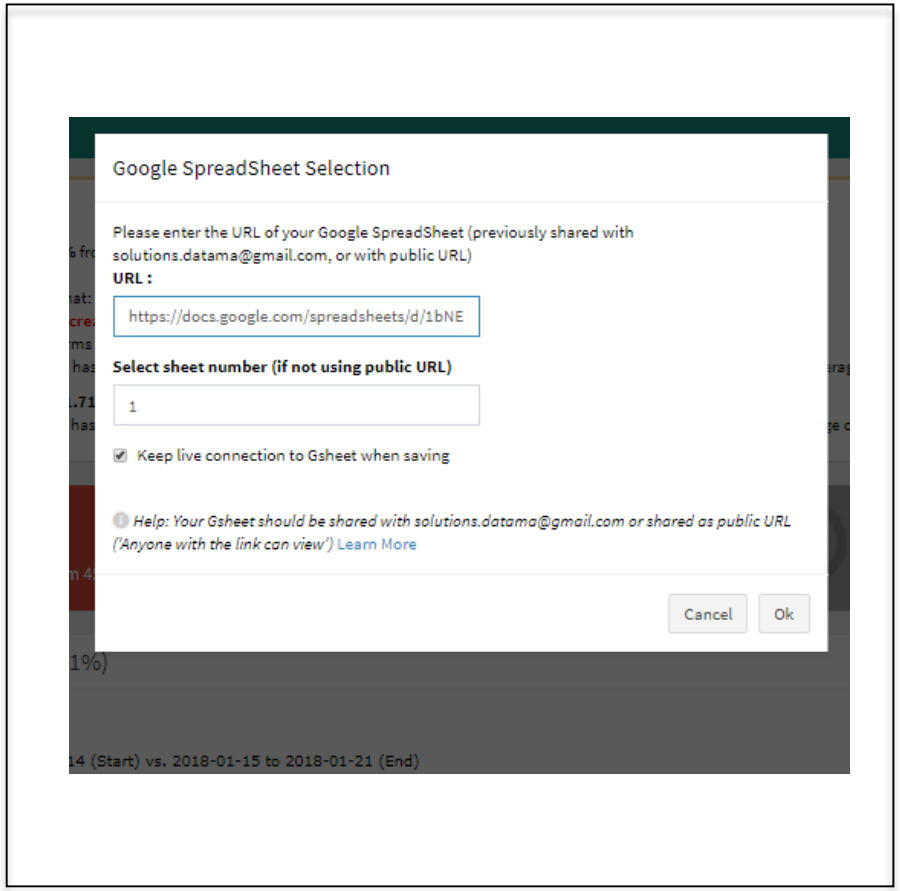

```
docker-compose.yaml

postgres:
  image: postgres:11
[…]
exim:
  build: ./exim
[…]
keycloak:
  image: jboss/keycloak:4.8.3.Final
[…]
shinyproxy:
  build: ./shinyproxy
```

2.

Inputs – Google Sheets

Google Sheets

SUPER METRICS



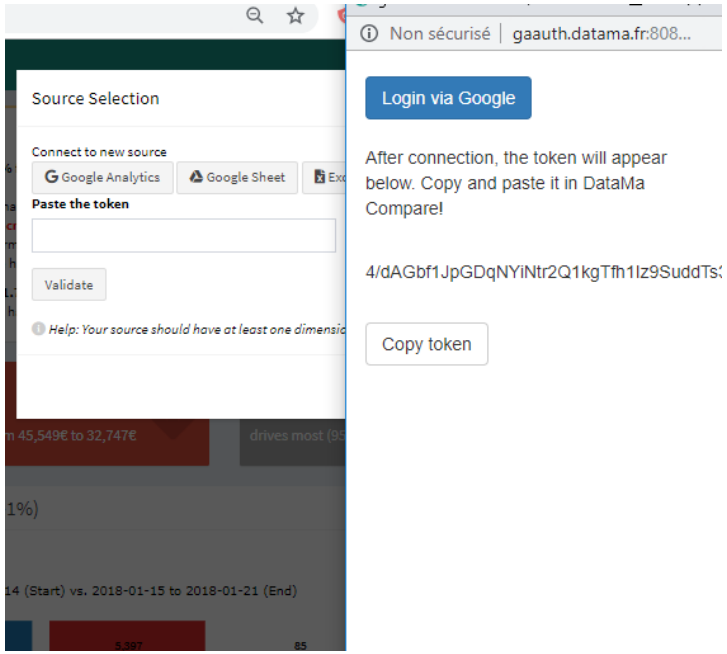
R:

```
> table <-
  try(gsheet::gsheet2tbl(url,
  sheetid), silent = TRUE)

> gsheetobject <-
  try(googlesheets::gs_url(url),
  silent = TRUE)

> table <-
  try(googlesheets::gs_read(gsheetobj
  ect,sheetid), silent = TRUE)
```

2.

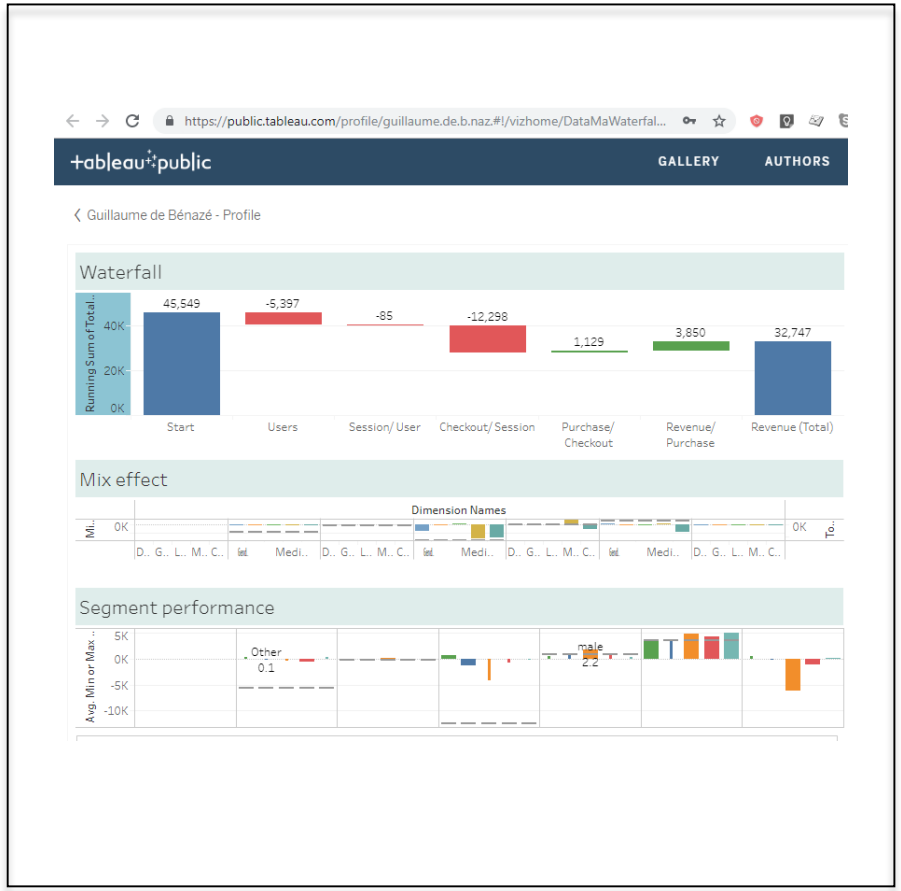
Inputs – Google Analytics

Google Analytics




```
R:

>  r$access_token <-
   googleAuthR:::gar_shiny_getToken(
            pars_code,
            app_url)

>  googleAnalyticsR::ga_auth(token =
   r$access_token)

>  googleAnalyticsR::ga_account_list()
```

2. Outputs – Tableau

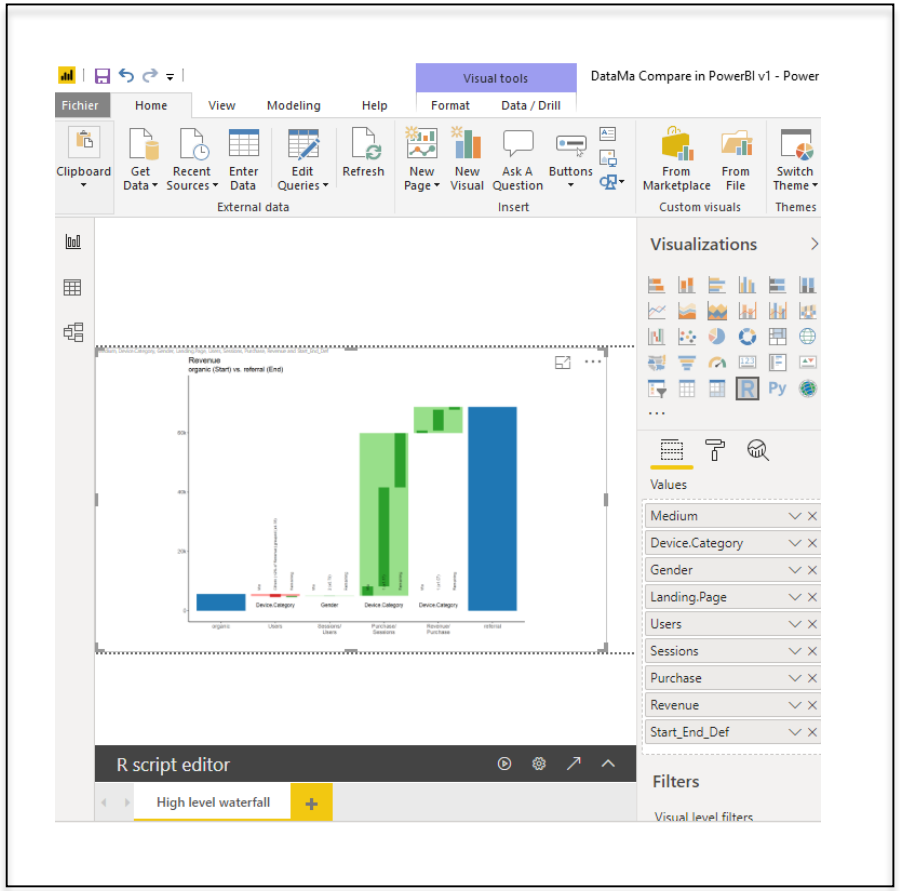



```
R:

>  library(datamacore)

>  Tableau_source <-
   datamacore::Tableau_data_source(Dyn
   amicOutput(),isolation(),relation()
   )

>  output$tableausource <-
   downloadHandler(filename =
   function(){
   paste(gsub(":","-",Sys.time()),"-
   Tableau source", ".csv", sep="")
   },content = function(file)
   {write.table(Tableau_source, file,
   row.names = FALSE,dec=".", sep =
   ";", quote = FALSE)},contentType =
   "text/csv")
```

2.

Marketplace – PowerBI

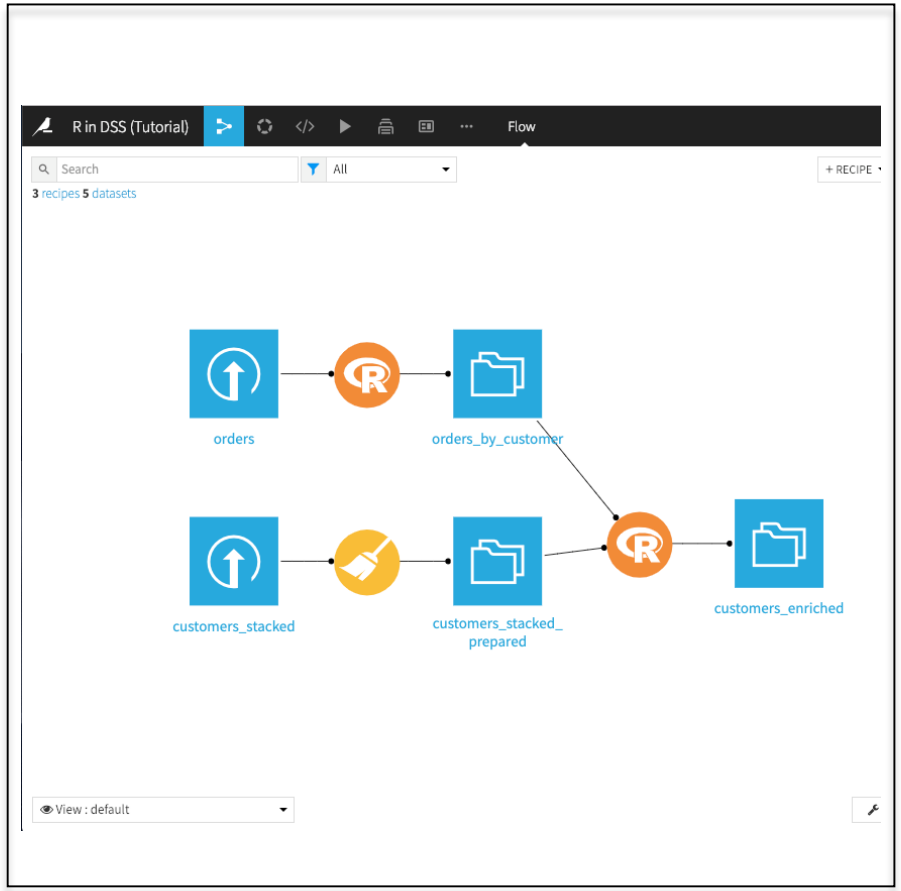
Power BI




```
R:

>  # The following code to create a
   dataframe and remove duplicated
   rows is always executed and acts as
   a preamble for your script:
   # dataset <- data.frame(Medium,
   Gender, Landing.Page, Sessions,
   Purchase, Revenue, Start_End_Def)
   # dataset <- unique(dataset)


>  library(datamacore)
>  datamacore::compare_viz_embedded(da
   taset)$compare_core$plot5_ggplot
```

2.

Marketplace – Dataiku




```
R:

>  library(dataiku)

>  template_source <-
   dkuReadDataset("Template_source",
   samplingMethod="head",
   nbRows=100000)

>  shinyServer(function(input, output)
   {[…] }

>  shinyUI(fluidPage([…]))
```

Agenda

1. De quoi on parle ?

1. Comment ça marche ?

1. Q&A

3. What's next?

3. Questions?