

# PB + RStudio in action - data science intro course

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I gave a one day course titled “An introduction to data science” at Häme university of applied science, and later again at Kajaani university of applied science.

- ▶ The course itself was just a series of lectures (“sightseeing bus tour”) using some slides with a lot of links, and examples/demos in RStudio
- ▶ The audience in the two cases was rather varied
  - ▶ teachers in the first case, programming skills ranging from none to SQL expert
  - ▶ some kind of computer science students in the second case
- ▶ The examples were complete and required no programming on behalf of the course participants
  - ▶ but left complete freedom for tweaking if they wished

Pouta Blueprints was used to set up an RStudio session with a single R code file available. The rest was possible via that and the tools available in R/RStudio:

- ▶ sharing the URL for the course slides
- ▶ installing extra R packages
- ▶ downloading zipped data files and unzipping them
- ▶ producing analysis results and graphs

... with minimal fuss while at the course site.