RStudio

Dynamic Documents

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Gina La Hera Fuentes is a Medical Doctor with a Master in Biostatistics and currently a PhD Candidate in Health Economics at the University of Newcastle.

She received her MD and her PHS degrees from the University of San Andrés - Bolivia, and her MSc Biostatistics from the INSP - Mexico.

She has working experience in research, implementation science, public health policy, project management, data analysis and human resources training in areas of HIV/AIDS, Non-Communicable Diseases and risk factors.

In 2014 she started working at the department of Economics of the Centre for Health Systems Research - National Institute of Public Health – INSP - Mexico and participating in research of Costing analysis, Economic evaluation of projects from multiple countries (Mexico, Brazil, Kenya, Rwanda, Nigeria, Zambia, South Africa and Malawi).

Since 2019, to date, she has worked with the University of Newcastle-Australia on a smoking cessation project for Aboriginal population and with the Rural Clinical School from the University of New South Wales as a Senior Lecturer and Research Coordinator.
What are they?

*Figure from: https://schedulewise.com/patient-schedule-living-document/*
Advantages

- Open Source
- Flexible
- Comparable to other software, often better
- Excellent user community
- Exciting new packages and applications
- Attractive graphics
Environment

Rscripts = entries (R’s “DO file”)

Console = exits

“global environment” = elements of data

Files, diagrams, help files
How to start?

1. Open a document and add title and format of output
2. Write all the information to be codified and to generate figures and tables between `` and ``` in ‘chunks’
3. Specify how you want to display the information in {} after ```
4. All the lines included after the chunk will be displayed as text
Today’s activity

Learning while doing!
• Open the Rmd file
References

