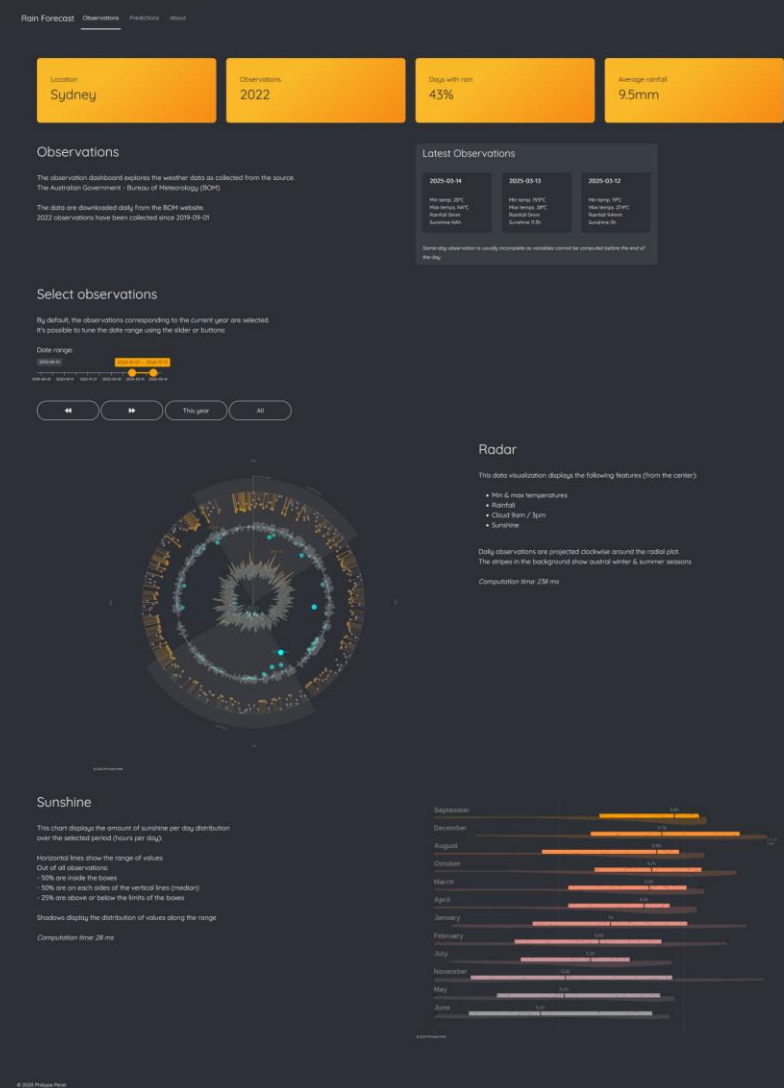# Modern Shiny Dashboard with bslib

Rain Forecast Dashboard

ShinyConf 2025

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Modern Shiny Dashboard with bslib

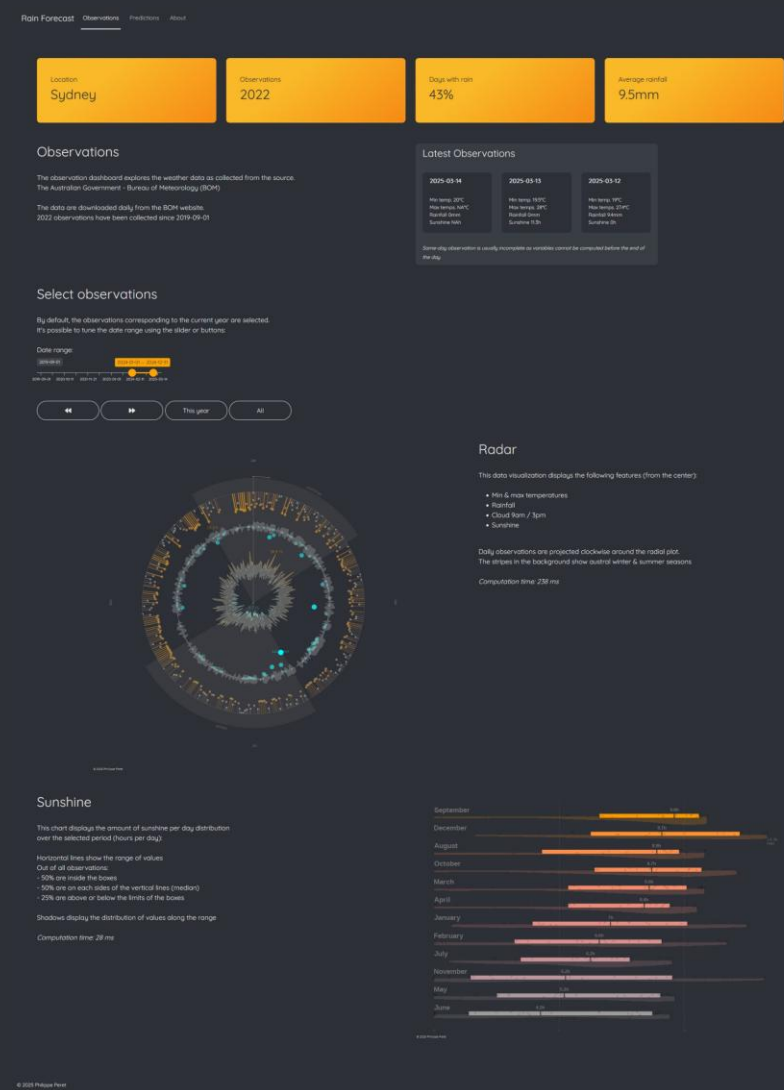Rain Forecast Dashboard

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Summary

- Project introduction

- Architecture

- Modern Dashboard & bslib

    - Why bslib?
    - Demo

- Further examples & Conclusion

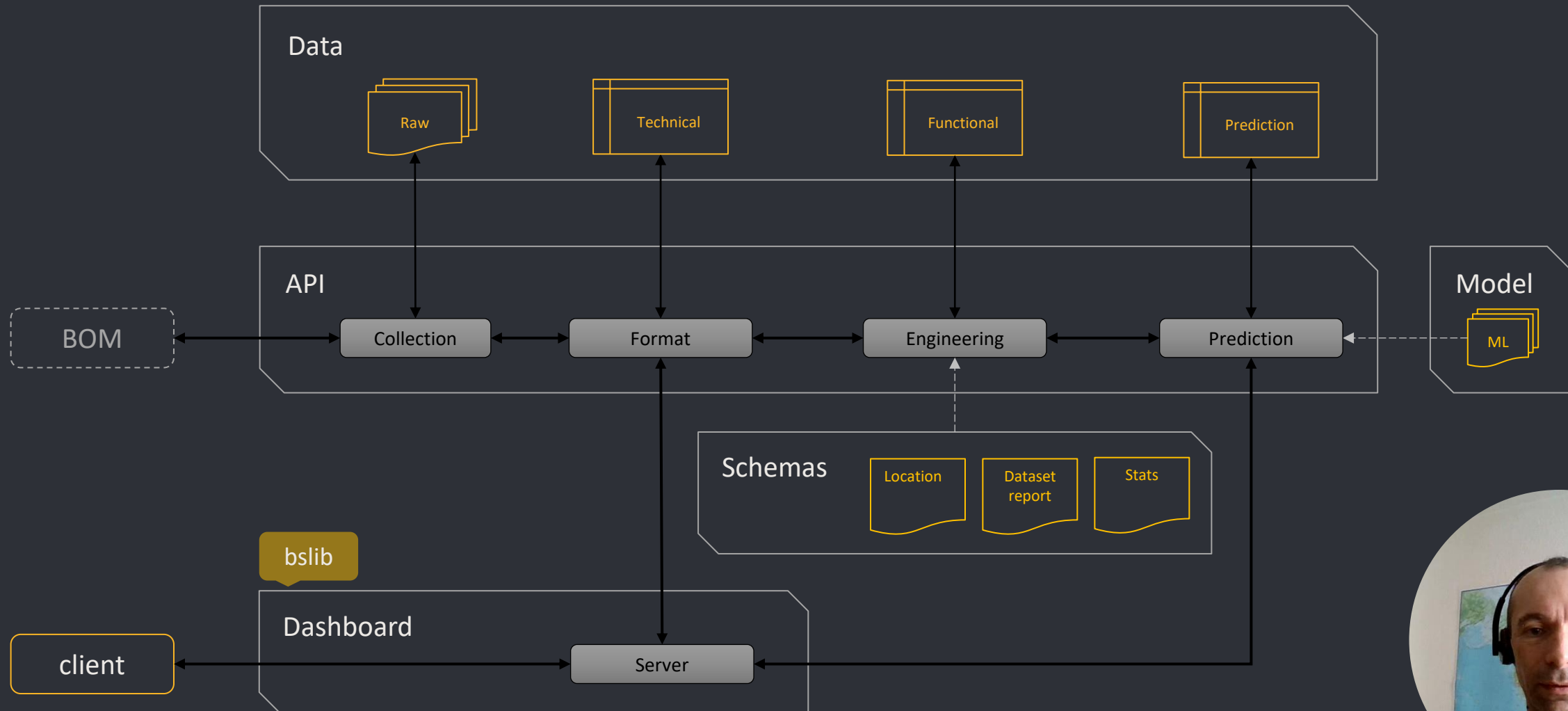# Rain Forecast Dashboard

Project Introduction

The Rain Forecast dashboard:

- Part of a "red-wire" project since 2020

- Prediction model based on Australian B.O.M. 140k Dataset

- First app deployed in 2022

- New Milestone end of 2024:

  - upgrade app look & feel
  - include advanced data visualizations
  - automate everything in the background

Rain Forecast Dashboard

Project Architecture

Rain Forecast Dashboard

bslib

- Why bslib?

  - Bit tired of using same template

  - Opportunity to try & explore
    bslib expected to be the recommended way to create Shiny dashboards*

  - Focus on data visualization
    get a very graphical environment without much effort (don't tell them)

  - Compare both development experiences

* Towards easy, delightful, and customizable dashboards in Shiny for R with {bslib} (Carson Sievert - June 7, 2023)
https://shiny.posit.co/blog/posts/bslib-dashboards/

Rain Forecast Dashboard

Demo

Rain Forecast Dashboard

Conclusion

- A few other examples

    - Portfolio
    - Business database exploration

- Conclusions

    - Bslib was really nice to use 💛

Thank You!

For your time

Let's keep in touch :)

| LinkedIn | GitHub | Thekangaroofacory.com |

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